J_PowerCords_PowerCords.qxd 11-11-16 10:15 AM Page 1

ETLIN-DANIELS
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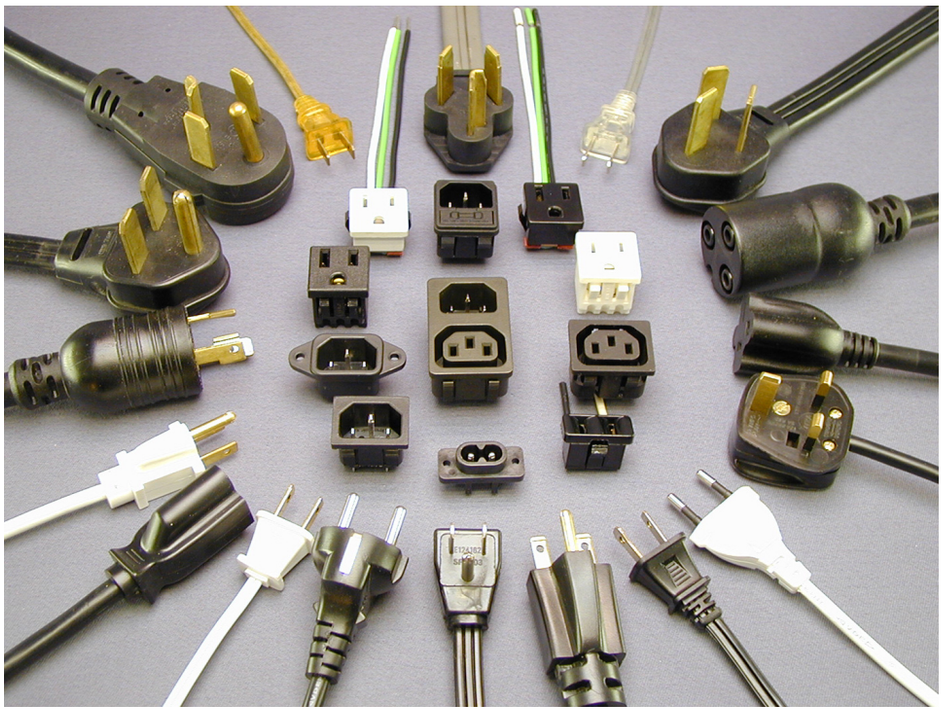
SECTION J
POWER CORDS



Power Cords

Standard Stocked Power Cords	J2-J7
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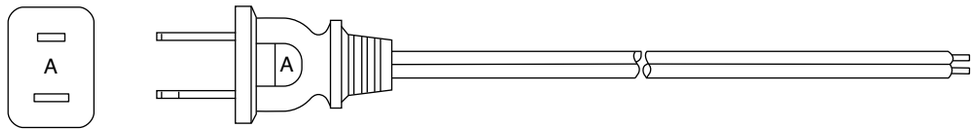
NORTH AMERICAN STANDARD STOCKED POWER SUPPLY CORDS

SPT Cords 2/3 Conductor PVC - Parallel Cord - Polarized

A



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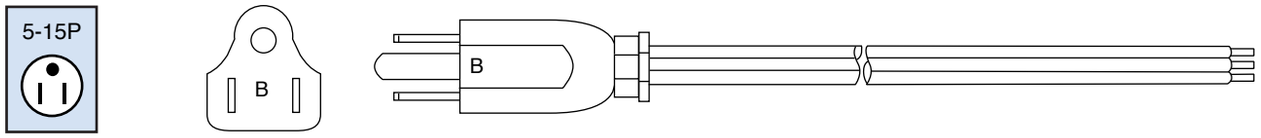


Cord Applications:
- Portable Lamps
- Household Appliances
- Fans
- Business Machines

Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 300V

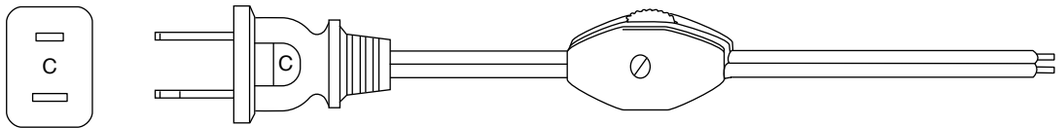
Testing:
- Passes UL VW-1 and CSA FT-2 Vertical Flame Test
- Approvals:
- UL Listed
- CSA Approved

ITEM NUMBER	LENGTH	CORD TYPE	AWG	NEMA CONFIGURATION	SLIT LENGTH	STRIP LENGTH	RATING @ 125V		TEMPERATURE RATING C	COLOUR	FIGURE
							WATTS	AMPS			
PCBL6SPT1TT	6'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BLACK	A
PCBR6SPT1TT	6'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BROWN	A
PCGD6SPT1TT	6'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	GOLD	A
PCWH6SPT1TT	6'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	WHITE	A
PCBL6SPT2TT	6'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BLACK	A
PCBR6SPT2TT	6'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BROWN	A
PCGD6SPT2TT	6'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	GOLD	A
PCWH6SPT2TT	6'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	WHITE	A
PCBL8SPT1TT	8'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BLACK	A
PCBR8SPT1TT	8'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BROWN	A
PCGD8SPT1TT	8'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	GOLD	A
PCWH8SPT1TT	8'	SPT-1	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	WHITE	A
PCBL8SPT2TT	8'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BLACK	A
PCBR8SPT2TT	8'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BROWN	A
PCGD8SPT2TT	8'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	GOLD	A
PCWH8SPT2TT	8'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	WHITE	A
PCBL8SPT2-18/3	8'	SPT-2	18/3	5-15P	1-1/2"	1/2"	1,250	10A	105	BLACK	B
PCWH8SPT2-18/3	8'	SPT-2	18/3	5-15P	1-1/2"	1/2"	1,250	10A	105	WHITE	B
PCBL10SPT2TT	10'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BLACK	A
PCBR10SPT2TT	10'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BROWN	A
PCGD11SPT2TT	11'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	GOLD	A
PCBL15SPT2TT	15'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	BLACK	A
PCGD15SPT2TT	15'	SPT-2	18/2	1-15P	1-1/2"	1/2"	1,250	10A	105	GOLD	A

Other lengths and types are available on a custom order basis,
Please contact the office with your request.

STANDARD STOCKED POWER SUPPLY CORDS

SPT Cord with In Line Feed Through Switch - Polarized



Cord Applications:
- Portable Lamps
- Ceramic Hobbyists
- Signs and Displays

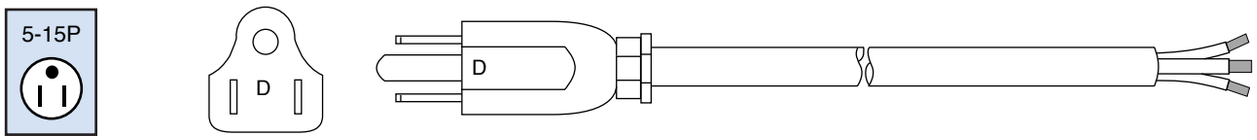
Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 300V
- Cord: Polarized male with in-line ON-OFF switch

Approvals:
- UL Listed
- CSA Approved

ITEM NUMBER	LENGTH	CORD TYPE	AWG	NEMA CONFIGURATION	FREE END FROM SWITCH	SLIT LENGTH	STRIP LENGTH	RATING @ 125V WATTS	RATING @ 125V AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
PCBL6SPT1SW24	6'	SPT-1	18/2	1-15P	24"	1-1/2"	1/2"	1,250	10A	105	BLACK	C
PCGD6SPT1SW24	6'	SPT-1	18/2	1-15P	24"	1-1/2"	1/2"	1,250	10A	105	GOLD	C
PCWH6SPT1SW24	6'	SPT-1	18/2	1-15P	24"	1-1/2"	1/2"	1,250	10A	105	WHITE	C
PCWH6SPT1SW36	6'	SPT-1	18/2	1-15P	36"	1-1/2"	1/2"	1,250	10A	105	WHITE	C
PCBL8SPT1SW36	8'	SPT-1	18/2	1-15P	36"	1-1/2"	1/2"	1,250	10A	105	BLACK	C
PCBR8SPT1SW36	8'	SPT-1	18/2	1-15P	36"	1-1/2"	1/2"	1,250	10A	105	BROWN	C
PCWH8SPT1SW36	8'	SPT-1	18/2	1-15P	36"	1-1/2"	1/2"	1,250	10A	105	WHITE	C

ALSO AVAILABLE IN SPT-2 18/2 - REPLACE “1” WITH “2” IN PART NUMBER. e.g. PCBL6SPT2SW24

SVT Cords – 3 Conductor PVC With Molded NEMA 5-15P Plug



Cord Applications:
- Vacuum Cleaners
- Household Appliances
- Illuminated Signs
- Business Machines

Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 300V

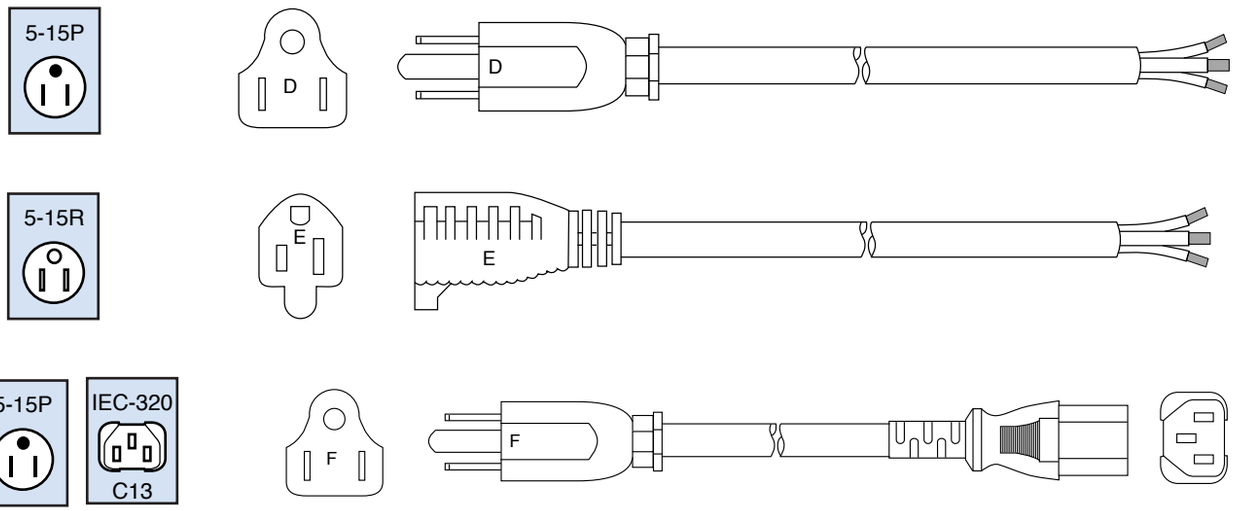
Testing:
- Passes UL VW-1 and CSA FT-2 Vertical Flame Test

Approvals:
- UL Listed
- CSA Approved

ITEM NUMBER	LENGTH	CORD TYPE	AWG	NEMA CONFIGURATION	STRANDING	NOMINAL OD	JACKET REMOVED	STRIP LENGTH	RATING @ 125V WATTS	RATING @ 125V AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
PCWH3SVT18/3	3'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	WHITE	D
PCBL4SVT18/3	4'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL6SVT18/3	6'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	BLACK	D
PCWH6SVT18/3	6'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	WHITE	D
PCBL8SVT18/3	8'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	BLACK	D
PCWH8SVT18/3	8'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	WHITE	D
PCBL10SVT18/3	10'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	BLACK	D
PCWH10SVT18/3	10'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	WHITE	D
PCBL11SVT18/3	11'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL15SVT18/3	15'	SVT	18/3	5-15P	41 X 34	0.244"	6"	1/2"	1,250	10A	105	BLACK	D

STANDARD STOCKED POWER SUPPLY CORDS

SJT/SJTW Cords – 3 Conductor



SJT is for indoor use, rated 105°C and SJTW is marked for outdoor use, rated 60°C.

Cord Applications:
- Portable Tools
- Office Machines
- Shop Lights
- Medical Equipment

Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 300V

Testing:
- Passes UL VW-1 and CSA FT-2 Vertical Flame Test

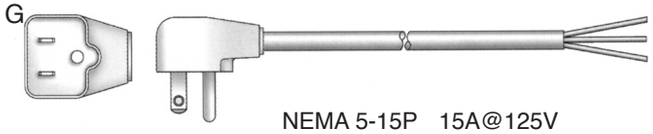
Approvals:
- UL Listed
- CSA Approved

ITEM NUMBER	LENGTH	CORD TYPE	AWG	NEMA CONFIGURATION	STRANDING	NOMINAL OD	JACKET REMOVED	STRIP LENGTH	RATING @ 125V WATTS	RATING @ 125V AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
PCBL3SJT16/3	3'	SJT	16/3	5-15P	26 X 30	0.331"	6"	1/2"	1,625	13A	105	BLACK	D
PCBL3SJTW16/3	3'	SJTW	16/3	5-15P	26 X 30	0.331"	6"	1/2"	1,625	13A	105	BLACK	D
PCBL3SJT18/3	3'	SJT	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL3SJTW18/3	3'	SJTW	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCWH3SJT14/3	3'	SJT	14/3	5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	105	WHITE	D
PCBL4SJTW18/3	4'	SJTW	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL6SJT16/3	6'	SJT	16/3	5-15P	26 X 30	0.331"	6"	1/2"	1,625	13A	105	BLACK	D
PCBL6SJTW16/3	6'	SJTW	16/3	5-15P	26 X 30	0.331"	6"	1/2"	1,625	13A	105	BLACK	D
PCBL6SJT18/3	6'	SJT	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL6SJTW18/3	6'	SJTW	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL6SJT14/3	6'	SJT	14/3	5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	105	BLACK	D
PCBL6SJTW14/3	6'	SJTW	14/3	5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	105	BLACK	D
PCBL8SJT14/3	8'	SJT	14/3	5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	105	BLACK	D
PCBL8SJT14/3F	8'	SJT	14/3	5-15R	41 X 30	0.366"	6"	1/2"	1,875	15A	105	BLACK	E
PCBL8SJTW14/3	8'	SJTW	14/3	5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	105	BLACK	D
PCBL8SJT16/3	8'	SJT	16/3	5-15P	26 X 30	0.331"	6"	1/2"	1,625	13A	105	BLACK	D
PCBL8SJTW16/3	8'	SJTW	16/3	5-15P	26 X 30	0.331"	6"	1/2"	1,625	13A	105	BLACK	D
PCBL8SJTW16/3IEC*	8'	SJTW	16/3	5-15P/IEC-320	26 X 30	0.331"	-	-	1,625	13A	105	BLACK	F
PCBL8SJT18/3	8'	SJT	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL8SJTW18/3	8'	SJTW	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL10SJTW14/3	10'	SJTW	14/3	5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	105	BLACK	D
PCBL10SJT18/3	10'	SJT	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL15SJTW14/3	15'	SJTW	14/3	5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	105	BLACK	D
PCBL15SJTW16/3	15'	SJTW	16/3	5-15P	26 X 30	0.331"	6"	1/2"	1,625	13A	105	BLACK	D
PCBL15SJTW18/3	15'	SJTW	18/3	5-15P	41 X 34	0.307"	6"	1/2"	1,250	10A	105	BLACK	D
PCBL8SJOW14/3	8'	SJOW	14/3	5-15P	41 X 30	0.365"	6"	1/2"	1,875	15A	90	BLACK	D
PCBL8SJOW16/3	8'	SJOW	16/3	5-15P	26 X 30	0.330"	6"	1/2"	1,625	13A	90	BLACK	D

SPECIALTY POWER SUPPLY CORDS

Heavy Duty Power Supply Cords

G



NEMA 5-15P 15A@125V

H

NEMA 5-20P 20A@125V

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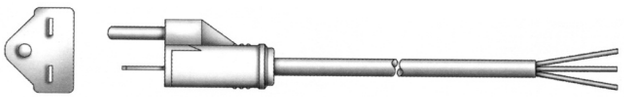
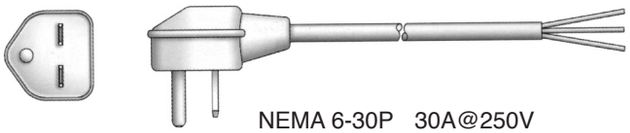


NEMA 6-15P 15A@250V

J

NEMA 6-20P 20A@250V

K



NEMA 6-30P 30A@250V

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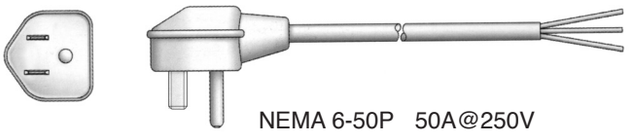

NEMA 6-50P 50A@250V

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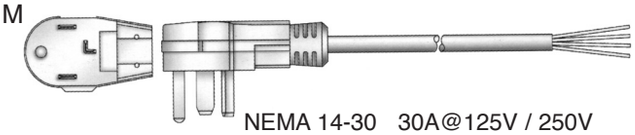
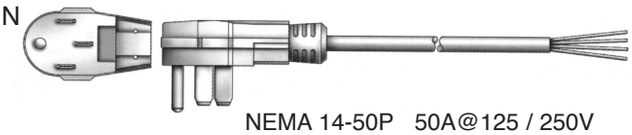


NEMA 14-30 30A@125V / 250V

N



NEMA 14-50P 50A@125 / 250V

Cord Applications:
- Power Supply Wire for Ranges and Dryers
- Industrial Machines
- Welding Equipment
- Heating Equipment

Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 250V
- Rated Temperature: 105°

Approvals:
- UL Listed
- CSA Approved

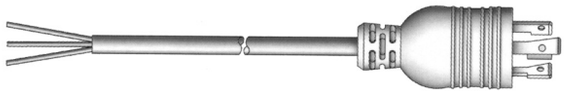
ITEM NUMBER	LENGTH	CORD TYPE	AWG	NEMA CONFIGURATION	STRANDING	NOMINAL OD (INCHES)	JACKET REMOVED	STRIP LENGTH	RATING WATTS	RATING AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
RIGHT ANGLE POWER SUPPLY CORDS													
PCGY6SPT16/3RA	6'	SPT-3	16/3	5-15P	65	0.180 X 0.415	6"	1/2"	1,625	13A@125	105	GREY	G
PCGY6SPT14/3RA	6'	SPT-3	14/3	5-15P	41	0.235 X 0.505	6"	1/2"	1,875	15A@125	105	GREY	G
PCGY8SPT16/3RA	8'	SPT-3	16/3	5-15P	65	0.180 X 0.415	6"	1/2"	1,625	13A@125	105	GREY	G
PCGY8SPT14/3RA	8'	SPT-3	14/3	5-15P	41	0.235 X 0.505	6"	1/2"	1,875	15A@125	105	GREY	G
STRAIGHT PLUG HEAVY DUTY POWER SUPPLY CORDS													
PCBL8SJT14/3-520P	8'	SJT	14/3	5-20P	41	0.365"	6"	1/2"	1,875	15A @ 125V	105	BLACK	H
PCBL8SJT14/3-615P	8'	SJT	14/3	6-15P	41	0.365"	6"	1/2"	1,875	15A @ 250V	105	BLACK	I
PCBL8SJT14/3-620P	8'	SJT	14/3	6-20P	41	0.365"	6"	1/2"	1,875	15A @ 250V	105	BLACK	J

ITEM NUMBER	LENGTH	CORD TYPE	AWG	NEMA CONFIGURATION	STRANDING	NOMINAL OD (INCHES)	JACKET REMOVED	STRIP LENGTH	RATING WATTS	RATING AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
RIGHT ANGLE HEAVY DUTY POWER SUPPLY CORDS - 30A@250V													
PCBL6SJTW12/3-630RA	6'	SJTW	12/3	6-30P	65	0.433"	6"	1/2"	7,500	30A	60	BLACK	K
PCBL6SJOW12/3-630RA	6'	SJOW	12/3	6-30P	65	0.433"	6"	1/2"	7,500	30A	90	BLACK	K
RIGHT ANGLE HEAVY DUTY POWER SUPPLY CORDS - 50A@250V													
PCGY6DRT6/3-650RA	6'	SDRT/DRT	6/3	6-50P	104	0.98"	6"	1/2"	12,500	50A	60	GREY	L
RANGE and DRYER CORDS													
PCBL5DRT10/3-1430P	5'	SDRT	10/3+1/12	14-30P	3 X 52/1 X 65	0.620"	6"	3/4"	3,750/7,500	30A 125/250V	60	BLACK	M
PCBL5DRT8/3-1450P	5'	SDRT	8/3+1/10	14-50P	3 X 81/1 X 52	0.660"	6"	3/4"	6,250/12,500	50A 125/250V	60	BLACK	N

SPECIALTY POWER SUPPLY CORDS

Molded Twist Lock Power Supply Cords

MALE PLUG

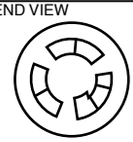
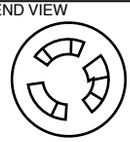
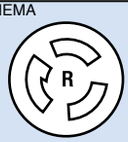
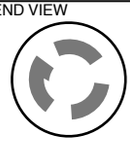


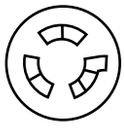
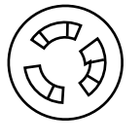
FEMALE PLUG

Cord Applications:
- Power Supply Wire
- Electrical Equipment
- HID Lighting
- Industrial Machines

Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 300V SJTW; 600V ST
- Rated Temperature: 105°C

Approvals:
- UL Listed
- CSA Approved

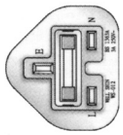
NEMA	END VIEW	NEMA	END VIEW	NEMA	END VIEW	NEMA	END VIEW
							
L5-15P	15A@125V	L5-15R	15A@125V	L5-20P	20A@125V	L5-20R	20A@125V

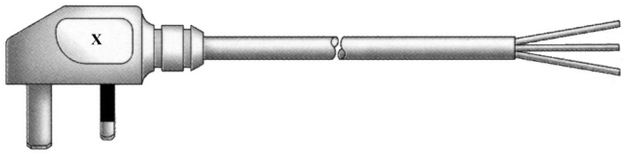
NEMA	END VIEW	NEMA	END VIEW	NEMA	END VIEW	NEMA	END VIEW
							
L6-15P	15@250V	L6-15R	15A@250V	L6-20P	20A@250V	L6-20R	20A@250V

ITEM NUMBER	LENGTH	CORD TYPE	AWG	NEMA CONFIGURATION	STRANDING	NOMINAL OD	JACKET REMOVED	STRIP LENGTH	RATING @ 125V WATTS	RATING @ 125V AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
PCBL8SJTW14/3TL515P	8'	SJTW	14/3	L5-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	60 to -34	BLACK	O
PCBL8SJTW14/3TL515R	8'	SJTW	14/3	L5-15R	41 X 30	0.366"	6"	1/2"	1,875	15A	60 to -34	BLACK	P
PCBL8SJTW12/3TL520P	8'	SJTW	12/3	L5-20P	65 x 30	0.455"	6"	1/2"	2,400	20A	60 to -34	BLACK	Q
PCBL8SJTW12/3TL520R	8'	SJTW	12/3	L5-20R	65 x 30	0.455"	6"	1/2"	2,400	20A	60 to -34	BLACK	R
PCBL8ST12/3TL515P	8'	ST	12/3	L5-15P	104 X 30	0.633"	6"	1/2"	1,875	15A	105	BLACK	O
PCBL8ST12/3TL515R	8'	ST	12/3	L5-15R	104 X 30	0.633"	6"	1/2"	1,875	15A	105	BLACK	P
PCBL8ST10/3TL520P	8'	ST	10/3	L5-20P	104 X 30	0.685"	6"	1/2"	2,400	20A	105	BLACK	Q
PCBL8ST10/3TL520R	8'	ST	10/3	L5-20R	104 X 30	0.685"	6"	1/2"	2,400	20A	105	BLACK	R
PCBL8SJTW14/3TL615P	8'	SJTW	14/3	L6-15P	41 X 30	0.366"	6"	1/2"	1,875	15A	60 to -34	BLACK	S
PCBL8SJTW14/3TL615R	8'	SJTW	14/3	L6-15R	41 X 30	0.366"	6"	1/2"	1,875	15A	60 to -34	BLACK	T
PCBL8SJTW12/3TL620P	8'	SJTW	12/3	L6-20P	65 x 30	0.455"	6"	1/2"	2,400	20A	60 to -34	BLACK	U
PCBL8SJTW12/3TL620R	8'	SJTW	12/3	L6-20R	65 x 30	0.455"	6"	1/2"	2,400	20A	60 to -34	BLACK	V

SPECIALTY POWER SUPPLY CORDS

United Kingdom/Ireland Power Supply Cord





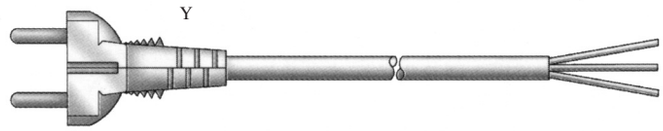
Cord Applications:
- Power Supply Wire
- Electrical Appliances
- Illuminated Signs
- Business Machines

Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 300V
- Rated Temperature: 70°C
- Plug contains BS 1362 10A fuse

Approvals:
- ASTA – Great Britain

ITEM NUMBER	LENGTH	CORD TYPE	mm/AWG	EEC CONFIGURATION	STRANDING	NOMINAL OD	JACKET REMOVED	STRIP LENGTH	RATING @ 125V WATTS	RATING @ 125V AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
GREAT BRITIAN / HONG KONG / INDIA													
PCBL2.5MUK	2.5 m	HO5VVF	.1mm/3C(APPROX 16)	UK BSI1362	31/32	7.0 mm	152 mm	13 mm	2,500	10A	70	BLACK	X

Continental Europe – VDE (German) Power Supply Cord



Cord Applications:
- Power Supply Wire
- Electrical Appliances
- Illuminated Signs
- Business Machines

Description:
- Conductor: Stranded Bare Copper
- Insulation: Colour Coded PVC
- Jacket: PVC
- Rated Voltage: 300V
- Rated Temperature: 70°C

Approvals:
- VDE - Germany
- OVE - Austria
- CEBEC - Belgium
- FI - Finland
- NFUTE - France
- N - Norway
- S - Sweden
- Kema Keur - Netherlands

ITEM NUMBER	LENGTH	CORD TYPE	mm/AWG	EEC CONFIGURATION	STRANDING	NOMINAL OD	JACKET REMOVED	STRIP LENGTH	RATING @ 125V WATTS	RATING @ 125V AMPS	TEMPERATURE RATING C	COLOUR	FIGURE
CONTINENTAL EUROPE - VDE (GERMAN)													
PCBL2.5MHV005	2.5 m	HO5VVF	.75mm/3C	VDE CEE7	31/32	7.0 mm	152 mm	13 mm	2,500	10A	70	BLACK	Y
PCBL2.5HO5VVFVDE	2.5 m	HO5VVF	1mm/3C (APPROX 16)	VDE CEE7	31/32	7.0 mm	152 mm	13 mm	2,500	10A	70	BLACK	Y

POWER SUPPLY CORDS
AC PLUGS and RECEPTACLES

CUSTOM CORDSET ORDERING GUIDE

Company Information:

Your Name: Title:

Company: Date:

Phone No.: Fax No.:

Address:

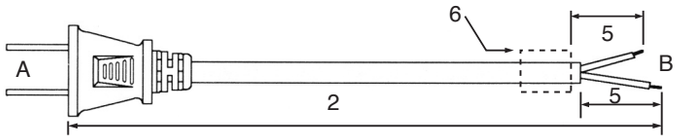
Country: Zip/Postal Code:

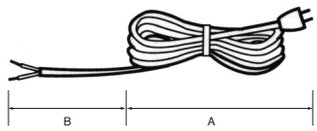
Cord Set Information

Your Part No. Revision: Quote Quantity:

Print Attached? Yes No

Sample Enclosed? Yes No





Please fill in the blanks as required.

1 - Specify wire type, No. of conductors, wire gauge. (eg. SJT 3-18) (pages J12-J15) _____

2 - Specify the overall length of cordset. (e.g. 8') _____

3 - Specify the colour. (if a colour match is required enclose a chip or wire sample) _____

4 - Specify "A" End Male Plug No. from the page J9. _____ Or Female Receptacle No. on J10 _____

5 - Specify "B" End: Outer Jacket Removed (OJR) _____ Or Other Receptacle or Plug _____

	Live / Black	Neutral / White	Ground / Green
Overall length of conductor:			
Strip Length:(Full or Partial)			
Twist and tinned: Yes No			
Terminals:			
Type: (ring, spade, female disc, etc.)			
Mating tab or stud size.			

6 - Strain relief: Yes No

7 - Put up: Tied Loop Hank Coiled A - Hank / Loop Size B - Free end length

8 - Other Details: _____

Wire Lead End Strip /Termination Guide

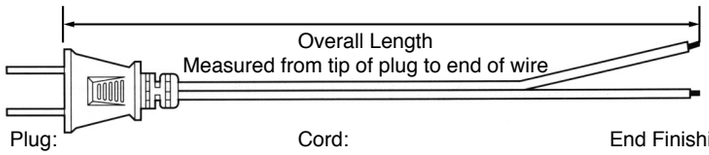
Full Strip Specify Length	0.250" x 0.032" Female Disconnect	Ring Terminal #6, #10, 1/4", 5/16", 3/8" Stud	Barrel
Partial Strip Specify Length	0.187" x 0.020" or 0.032" Female Disconnect	Spade Terminal #6, #8, #10, 1/4" Stud	0.250" x 0.020" x 0.032" Flag Terminal
Tinned or Fused End Specify Length	0.110" x 0.020" or 0.032" Female Disconnect	Piggy Back Terminal 0.250" x 0.032"	A. Male Pin B. Female Receptacle

POWER SUPPLY CORDS
AC PLUGS and RECEPTACLES

CORD SETS ORDERING GUIDE

HOW TO SPECIFY POWER SUPPLY CORDS

The 3 Basic Parts of Cord

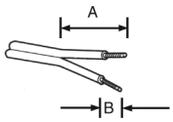


Plug:
Specify Part Number
& Rating

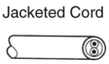
Cord:
Specify Type, Colour
O/A Length, AWG &
Number of Conductors

End Finishing:
Specify Type of
End Finishing;
see details below

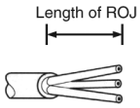
End Finishing of Cords



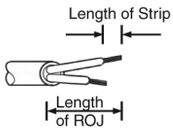
A. LENGTH OF SLIT
B. LENGTH OF STRIP



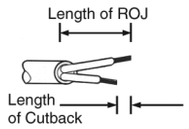
BLUNT CUT



ROJ FILLERS
TRIMMED

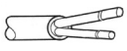


ROJ (SEE ABOVE)
& STRIP CONDUCTOR

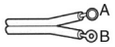


STAGGER CUT

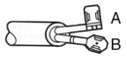
CONDUCTORS TWISTED
AND TIN TIPPED



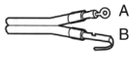
CONDUCTORS
PARTIAL STRIP



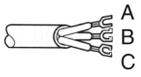
ATTACH TERMINALS
A. EYELET
B. RING TONGUE



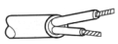
ATTACH QUICK
CONNECT TERMINAL
A. FLAG
B. STRAIGHT



ATTACH:
A. TERMINAL RING
B. PIGGY-BACK



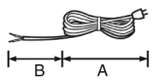
ATTACHED SPADE TERMINAL
A. PLAIN
B. FLANGED
C. LOCKING



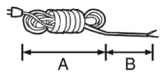
CONDUCTORS
TWISTED ONLY

Standard Cord Set Put-Up

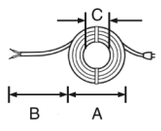
TIED IN BUNDLES



TIED LOOP HANK
A. HANK LENGTH
B. FREE END LENGTH



MACHINE HANK
A. HANK LENGTH
B. FREE END LENGTH

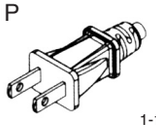


COOILED AND TIED
A. COIL DIAMETER
B. FREE END LENGTH
C. INSIDE DIAMETER

Plug, Socket and Connector Types

USA NEMA Plug Type

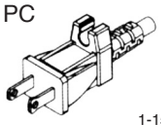
P1-1P



1-15P

TWIN STRAIGHT BLADE

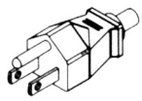
P1-1PC



1-15P

TWIN POLARIZED W/ CORD CLIP

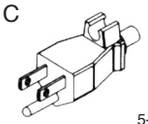
P5-1



5-15P

STRAIGHT GROUNDED

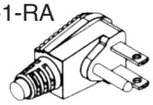
P5-1C



5-15P

STRAIGHT GROUNDED W/ CORD CLIP

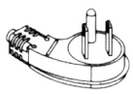
P5-1-RA



5-15P

GROUNDED RIGHT ANGLE

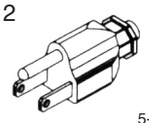
P5-1-RA45



5-15P

RIGHT ANGLE 45°

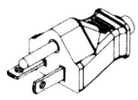
P5-12



5-15P

STRAIGHT GROUNDED

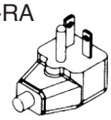
P5-2



5-20P

STRAIGHT GROUNDED

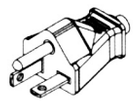
P5-2-RA



5-20P

GROUNDED RIGHT ANGLE

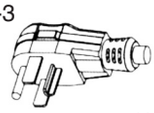
P6-2



6-20P

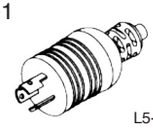
STRAIGHT GROUNDED

P14-3



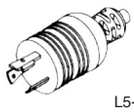
14-30P

PL5-1



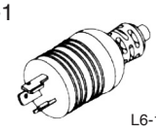
L5-15P

PL5-2



L5-20P

PL6-1



L6-15P

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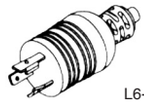
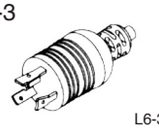


L6-20P

PL6-3



L6-30P

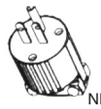
PA5-1

NEMA 5-15P

PA5-2

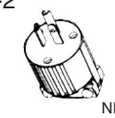
NEMA 5-20P

PA6-1



NEMA 6-15P

PA6-2



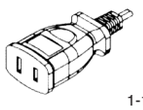
NEMA 6-20P

PLUG NO.	NEMA	RATINGS		PLUG STYLE	FOR AWG RANGE	APPLICABLE WIRE TYPES
		VOLTS	CURRENT			
P1-1P	1-15P	125V	15A	Straight	18-16	SPT-1, SPT-2
P1-1PC	1-15P	125V	15A	Straight w/ cord grip	18-16	SPT-1, SPT-2
P5-1	5-15P	125V	15A	Straight, Medium plug	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT SJTW, SJO
P5-1C	5-15P	125V	15A	Straight w/ cord grip	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT SJTW, SJO
P5-12	5-15P	125V	15A	Straight, Small plug	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT SJTW, SJO
P5-1-RA	5-15P	125V	15A	Right angle	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT SJTW, SJO
P5-1-RA45	5-15P	125V	15A	Right Angle + 45° Angle	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT SJTW, SJO
P5-2	5-20P	125V	20A	Straight	18-16-14	SVT, SJT, SJTW
P5-2-RA	5-20P	125V	20A	Right Angle	18-16-14-12	SJT, SJTW
P6-2	6-20P	250V	20A	Straight	18-16-14-12	SVT, SJT, SJTW
P14-3	14-30P	125/250V	30A	Right Angle	See Next	12-10 SRDT, 14-12 SJT / SJTW
PL5-1	L5-15P	125V	15A	Twist Lock	16-14	SJ, SJO, SJT, SJTO, SJTW
PL5-2	L5-20P	125V	20A	Twist Lock	14-10	SJ, SJO, SJT, SJTO, SJTW
PL6-1	L6-15P	250V	15A	Twist Lock	16-14	SJ, SJO, SJT, SJTO, SJTW
PL6-2	L6-20P	250V	20A	Twist Lock	14-10	SJ, SJO, SJT, SJTO, SJTW
PL6-3	L6-30P	250V	30A	Twist Lock	14-10	SJ, SJO, SJT, SJTO, SJTW

RECEPTACLES / SPECIALTY PLUGS FOR CUSTOM CORDSETS

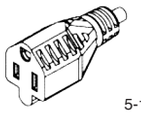
USA NEMA Connector Type

R1-1P



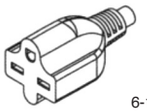
1-15R

R5-1



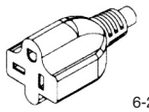
5-15R

R6-1



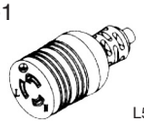
6-15R

R6-2



6-20R

RL5-1

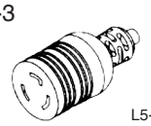


L515R

RL5-2

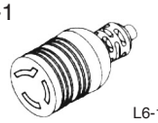
L5-20R

RL5-3



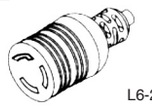
L5-30R

RL6-1



L6-15R

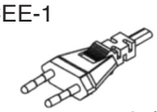
RL6-2



L6-20R

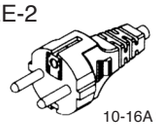
Europe

PCEE-1



2.5A 250V

PCEE-2

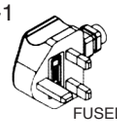


10-16A 250V

PCEE-2RA

10-16A 250V

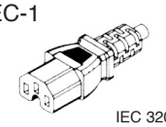
PBSI-1



FUSED BS1363

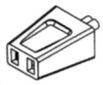
Other

RIEC-1



IEC 320 C15

RFP-1



STRAIGHT FAN PLUG

RFP-145

45° FAN PLUG

RFP-190

90° FAN PLUG

PCA-1

CIGARETTE LIGHTER ADAPTER

RECEPTACLE TYPE	NEMA	RATING		PLUG STYLE	FOR AWG RANGE	APPLICATION WIRE TYPE
		VOLTS	CURRENT			
R1-1P	1-15R	125V	15A	Straight	18-16	SPT-1, SPT-2
R5-1	5-15R	125V	15A	Straight	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT, SJTW, SJO
R6-1	6-15R	250V	15A	Straight	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT, SJTW, SJO
R6-2	6-20R	250V	20A	Straight	18-16-14-12	SPT-2, SPT-3, SJT, SJTW
RL5-1	L5-15R	125V	15A	Twist Lock	16-14	SJ, SJO, SJT, SJTO, SJTW
RL5-2	L5-20R	125V	20A	Twist Lock	14-10	SJ, SJO, SJT, SJTO, SJTW
RL5-3	L5-30R	125V	30A	Twist Lock	16-14	SJ, SJO, SJT, SJTO, SJTW
RL6-1	L6-15R	250V	15A	Twist Lock	14-10	SJ, SJO, SJT, SJTO, SJTW
RL6-2	L6-20R	250V	20A	Twist Lock	14-10	SJ, SJO, SJT, SJTO, SJTW

PLUG No.	NEMA	RATING		PLUG STYLE	FOR AWG RANGE	APPLICATION WIRE TYPE
		VOLTS	CURRENT			
PCEE-1	CEE	250V	10A / 16A	Straight 3 pin	0.75mm	HO3W-F
PCEE-2	CEE-7	250V	10A / 16A	Straight 2 pin / Grnd	0.75-1.0-1.5mm	HO3W-F, HO5W-F, HO5RR-F
PCEE-2RA	CEE-7	250V	10A / 16A	Right angle / Grnd	0.75-1.0-1.5mm	HO3W-F, HO5W-F, HO5RR-F
PBSI-1	BSI-1362	250V	13A	Right angle / Grnd	0.75-1.0mm	HO3W-F, HO5W-F, HO5RR-F

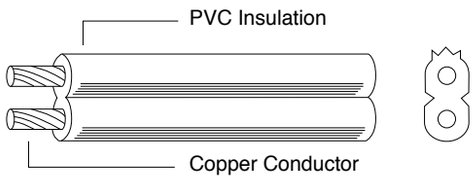
RECEPTACLE TYPE	NEMA	RATING		PLUG STYLE	FOR AWG RANGE	APPLICATION WIRE TYPE
		VOLTS	CURRENT			
RIEC-1	IEC320-C13	250V	10A	Straight 3 pin	18-16-14	SPT-2, SPT-3, SVT, SJ, SJT, SJTW, SJO
RFP-1	FAN PLUG	120V	5A	Straight 2 wire	18-16	SPT-1, SPT-2
RFP-145	FAN PLUG	120V	5A	45D 2 wire	18-16	SPT-1, SPT-2
RFP-190	FAN PLUG	120V	5A	90D 2 wire	18-16	SPT-1, SPT-2
PCA-1	CIGARETTE LIGHTER	12V	--		18-16	SPT-1, SPT-2

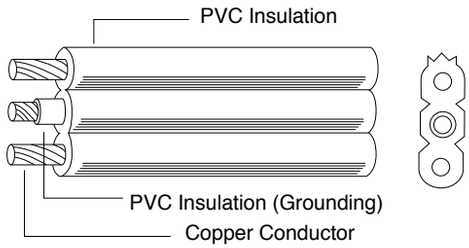
POWER SUPPLY CORD

UL / CSA SPT Flexible Cord

Product Description:
- Bare stranded copper conductor
- Colour - coded PVC insulation
- Rated temperature: 60ºC ~ 105ºC
- Rated voltage: 300 volts
- Passes UL VW-1 & CSA FT2 vertical flame test
- UL Listed and CSA certified

Application:
- SPT-1 & SPT-2: For use in household clocks, lamps, fans, radios and similar appliances
- SPT-2 (for heavier construction than SPT-1): For use in small air conditioners, refrigerators, and floor lamps
- SPT-3: For heavy duty use in damp locations, especially suitable for refrigerators and room size air conditioners





UL Style & CSA Type	Conductor		No. of Conductors	Insulation Thickness (mm)	Overall Diameter (mm)
	AWG	No./ mm			
SPT-1 SPT-1W	18	41/0.160	2	0.76	2.70 x 5.40
	18	41/0.160	3	0.76	2.70 x 7.90
SPT-2 SPT-2W	18	41/0.160	2	1.14	3.50 x 6.90
	16	65/0.160	2	1.14	3.70 x 7.60
	18	41/0.160	3	1.14	3.50 x 8.60
	16	65/0.160	3	1.14	3.80 x 9.60
SPT-3	18	41/0.160	2	1.52	4.40 x 8.70
	16	65/0.160	2	1.52	4.50 x 9.10
	14	41/0.254	2	2.03	6.00 x 10.80
	12	65/0.254	2	2.41	7.40 x 14.00
	10	104/0.254	2	2.79	9.10 x 18.20
	18	41/0.160	3	1.52	4.40 x 10.70
	16	65/0.160	3	1.52	4.75 x 11.80
	14	41/0.254	3	2.03	6.00 x 14.50
	12	65/0.254	3	2.41	7.00 x 15.40
	10	104/0.254	3	2.79	9.10 x 18.80

POWER SUPPLY CORD

UL / CSA SVT Flexible Cord

Product Description:

Unshielded

- Bare stranded copper conductor
- Colour - coded PVC insulation
- Cores twisted together with fillers
- Separator over core
- Rated temperature: 60ºC ~ 105ºC
- Rated voltage: 300 volts
- Passes VW-1 vertical flame test
- UL Listed and CSA certified

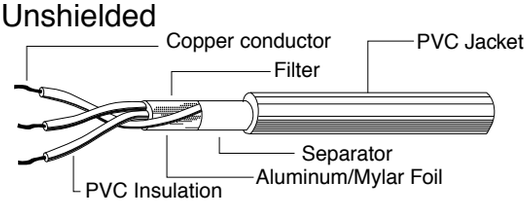
Shielded

- Bare stranded copper conductor
- Colour-coded PVC insulation
- Cores twisted together with fillers
- Aluminum mylar
- Bare copper braid shield, 85% coverage
- PVC jacket
- Rated temperature: 60º~105ºC
- Rated voltage: 300 volts
- Passes VW-1 vertical flame test

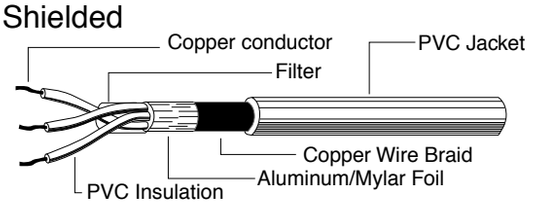
Application:

- Unshielded: for light-duty portable tools, mixers, office machines and vacuum cleaners
- Shielded: for power supply cord of computers to EMI/RFI

Unshielded



Shielded



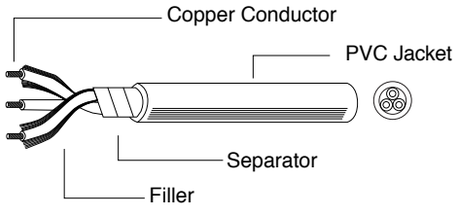
UL Style & CSA Type	Conductor		Insulation Thickness (mm)	Braid Shield (No./ mm)	Jacket Thickness (mm)	Overall Diameter (mm)
	AWG	No./ mm				
SVT-1 SVTO (unshielded)	18 x 2C	41/0.160	0.38	--	0.76	5.80
	17 x 2C	52/0.160	0.38	--	0.76	6.40
	18 x 3C	41/0.160	0.38	--	0.76	6.30
	17 X 3C	52/0.160	0.38	--	0.76	6.80
SVT (shielded)	18 X 3C	41/0.160	0.38	16/9/0.127	0.76	7.20

Colour code: 1. CCE: International (Live Brown, Neutral: Light Blue, Ground/Earth: Green/Yellow)
2. NA: North American (Live: Black, Neutral: White, Ground/Earth: Green)

UL / CSA SJT Flexible Cord

Product Description:
- Bare stranded copper conductor
- Cores twisted together with fillers
- Separator over core
- Rated temperature: 60ºC ~ 105ºC
- Rated voltage: 300 volts
- Passes UL VW-1 vertical flame test
- UL Listed and CSA approved

Application:
- Unshielded for portable tools, mixers, vacuum cleaners and commercial equipment



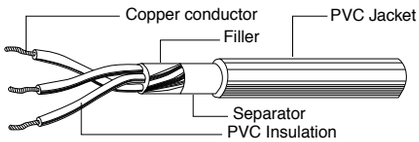
UL Style & CSA Type	Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Overall Diameter (mm)
	AWG	No./ mm			
SJT SJTO SJTOO SJTW SJTOW SJTOOW SJTW W.R. (unshielded)	18 x 2C	41/0.160	0.76	0.76	7.30
	16 x 2C	26/0.254	0.76	0.76	8.10
	14 x 2C	41/0.160	0.76	0.76	8.70
	12 x 2C	65/0.254	0.76	1.14	9.90
	10 x 2C	104/0.320	1.14	1.52	13.70
	18 x 3C	41/0.160	0.76	0.76	7.80
	16 x 3C	26/0.254	0.76	0.76	8.50
	14 x 3C	41/0.160	0.76	0.76	9.30
	12 x 3C	65/0.254	0.76	1.14	10.50
	10 x 3C	104/0.320	1.14	1.52	14.40

UL / CSA ST Flexible Cord

Product Description:
- Bare stranded copper conductor
- Colour coded PVC insulation
- Cores twisted together with fillers
- Separator over core
- Rated temperature: 60ºC ~ 105ºC
- Rated voltage: 600 volts
- Passes VW-1 vertical flame test
- UL Listed and CSA approved

Industry Approvals:
- UL Flexible Cord File No. E166124
- CSA Flexible Cord File No. LL106054

Application:
- Unshielded for portable hand tools, washing machines, polishers, sanders, vibrators, shop light, therapeutic machines, dish washers, medical equipment, and office machines.



UL Style & CSA Type	Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Overall Diameter (mm)
	AWG	No./ mm			
ST STO STOO STW STOW STOOW STW W.R. (unshielded)	18 x 2C	41/0.160	0.85	1.70C	9.30
	16 x 2C	26/0.254	0.85	1.70	10.10
	14 x 2C	41/0.254	1.20	2.80	13.40
	12 x 2C	65/0.254	1.20	2.80	15.30
	10 x 2C	104/0.254	1.20	2.80	16.90
	18 x 3C	41/0.160	0.85	1.70	9.80
	16 x 3C	26/0.254	0.85	1.70	10.60
	14 x 3C	41/0.254	1.20	2.80	14.10
	12 x 3C	65/0.254	1.20	2.80	16.10
	10 x 3C	104/0.254	1.20	2.80	17.90

Colour code: 1. CCE: International (Live Brown, Neutral: Light Blue, Ground/Earth: Green/Yellow)
2. NA: North American (Live: Black, Neutral: White, Ground/Earth: Green)

POWER SUPPLY CORD

UL / CSA SRDT Range and Dryer Cable

Product Description:

Unshielded

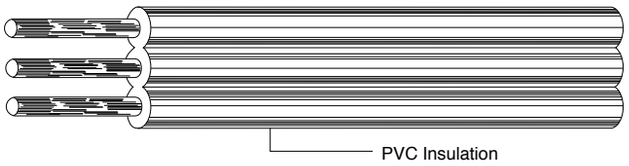
- Bare stranded copper conductor
- Colour coded PVC insulation
- Cores twisted together with fillers
- Separator over core
- Rated temperature: 60ºC ~ 105ºC
- Rated voltage: 300 volts
- Passes VW-1 vertical flame test

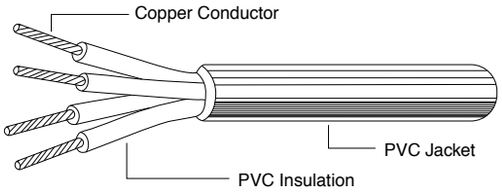
Application:

- For use in Laundry Dryers, Ranges, Construction heaters, commercial equipment.

Industry Approvals:

- UL Flexible Cord File No. E166124
- CSA Flexible Core File NO.LL106054
- OSHA acceptable





UL Style & CSA Type	Conductor		No. of Core	Insulation Thickness (mm)	Jacket Thickness (mm)	Overall Diameter (mm)
	AWG	No./ mm				
SRDT	10/3	19/0.584	3	1.02	--	8.28 x 20.00
	8/2 + 10/1	19/0.750 + 19/0.584	3	1.02	--	9.00 x 21.79
	6/2 + 8/1	65/0.516 + 19/0.750	3	1.02	--	10.16 x 25.04
	10/4	19/0.584	4	--	1.22	16.90
	8/2 + 10/2	19/0.750 + 19/0.584	4	--	1.22	17.90
	6/2 + 8/2	19/0.750 + 65/0.516	4	--	1.22	20.90
	6/3 + 8/1	19/0.750 + 65/0.516	4	--	1.22	22.90

Technical Information U.L. Cord Type Designation

XT	Christmas Tree Thermoplastic
TPT	Tinsel Parallel Thermoplastic
TS	Tinsel Service
TPT	Tinsel Service Thermoplastic
SPT-1	Service Parallel Thermoplastic-1/64" Insulation
SPT-2	Service Parallel Thermoplastic-2/64" Insulation
SPT-3	Service Parallel Thermoplastic-3/64" Insulation
SPE-1	Service Parallel Elastomer-1/64" Insulation
SPE-2	Service Parallel Elastomer-1/64" Insulation
SPE-3	Service Parallel Elastomer-3/64" Insulation
SV	Service Vacuum
SVO	Service Vacuum Oil-Resistant Jacket
SVOO	SVO with Oil-Resistant Insulation
SVT	Service Vacuum Thermoplastic
SVTO	Service with Oil-Resistant Jacket
SVTOO	Service with Oil-Resistant Insulation
SVE	Service Vacuum Elastomer
SVEO	SVE with Oil-Resistant Jacket
SVEOO	SVE Oil-Resistant Insulation
SJ	Service Junior
SJO	SJ with Oil-Resistant Jacket
SJOO	SJO with Oil-Resistant Insulation
SJT	Service Junior Thermoplastic
SJTO	SJT with Oil-Resistant Jacket
SJTOO	SJTO with Oil Resistant Insulation
SJE	Service Junior Elastometer
SJEO	SJE with Oil-Resistant Jacket
SJEOO	SJEO with Oil-Resistant Insulation
S	Service
SO	Service with Oil-Resistant Insulation
SOO	SO with Oil Resistant Insulation
ST	Service Thermoplastic
STO	ST with Oil-Resistant Jacket
STOO	STO with Oil-Resistant Insulation
SE	Service Thermoplastic
SEO	SE with Oil-Resistant Jacket
SEOO	SEOO with Oil Resistant Insulation
HPN	Heater Parallel Neoprene
HSJ	Heater Service Junior
HSJO	HSJ with Oil-Resistant Jacket
HS	Heater Service
HSO	HS with Oil-Resistant Jacket

NOTE: Service parallel types – wall thickness or integral construction includes insulation and jacket combined. Elastomer is a thermoplastic material with elastomeric properties similar to rubber.

Current Carrying Capacity in Amperes

AWG	TINSEL CORD	RUBBER & PLASTIC CORDS	HEATER CORDS
27	0.5		
18		10	10
17			12
16		13	15
14		18	20
12		25	30
10		30	
8		40	
6		55	
4		70	

TECHNICAL INFORMATION

Technical Information U.L. Cord Type Construction Information and Rating

CORD TYPE	AWG SIZE RANGE	No. OF CONDUCTORS	CONDUCTORS INSULATION	JACKET	TEMP. RATING STD.	OTHER	VOLTAGE RATING
TP	27 (TINSEL)	2	0.030 RUBBER		60		250
TPT	27 (TINSEL)	2	0.030 PLASTIC		60	75, 90, 105	250
SP-1	18	2+	0.030 RUBBER		60		300
SPT-1	18	2+	0.030 PLASTIC		60		300
SP-2	18-16	2+	0.045 RUBBER		60		300
SPT-2	18-16	2+	0.045 PLASTIC		60	75, 90, 105	300
SP-3	18-12	2+	0.060 RUBBER++		60	75, 90	300
SPT-3	18-12	2+	0.060 PLASTIC++		60		300
TS	27 (TINSEL)	2	0.015 RUBBER	0.030 RUBBER	60		125
TST	27 (TINSEL)	2	0.015 PLASTIC	0.030 PLASTIC	60	75, 90	125
SV	18	2+	0.015 RUBBER	0.030 RUBBER	60		300
SVO*	18	2+	0.015 RUBBER	0.030 NEOPRENE	60		300
SVT	18-17	2+	0.015 PLASTIC	0.030 PLASTIC	60	75, 90,105	300
SVTO*	18-17	2+	0.015 PLASTIC	0.030 PLASTIC	60	75,90,105	300
SJ	18-10	2-6	0.030 RUBBER++	0.030 RUBBER++	60	75	300
SJO*	18-10	2-6	0.030 RUBBER++	0.030 NEOPRENE++	60	75, 90	300
SJT	18-10	2-6	0.030 PLASTIC++	0.030 PLASTIC++	60	75, 90, 105	300
SJTO*	18-10	2-6	0.030 PLASTIC++	0.030 PLASTIC++	60	75, 90, 105	300
S	18-2	2 OR MORE	0.030 RUBBER++	0.060 RUBBER++	60	75	600
SO	18-2	2 OR MORE	0.030 RUBBER++	0.060 NEOPRENE++	60	75, 90	600
ST	18-2	2 OR MORE	0.030 PLASTIC++	0.060 PLASTIC++	60	75, 90, 105	600
STO*	18-2	2 OR MORE	0.030 RUBBER++	0.060 PLASTIC++	60	75, 90, 105	600
SRD‡	18-4	3 OR 4	0.045 PLASTIC++	0.060 RUBBER++	60		300
SRDT‡	18-4	3 OR 4	0.045 RUBBER++	0.060 PLASTIC	60	90	300
HPN(FLAT)	18-12	2+	0.045 NEOPRENE++		90	75, 90, 105	300
HPD	18-12	2, 3, 4	0.030 RUBBER++	YAM BRAID	90	75, 90	300
HSJ	18-12	2, 3, 4	0.030 RUBBER++	0.060 RUBBER	90		300
HSJO	18-12	2, 3, 4	0.030 RUBBER++	0.030 NEOPRENE	90		300
HSO	14-12	2, 3, 4	0.045 RUBBER	0.060 RUBBER	90		300
HSO	14-12	2, 3, 4	0.030 RUBBER	0.060 NEOPRENE	90		300

* Types SVO, SVTO, SJO, SJTO, SO, STO, HSO and HPN have jackets which are also recognized from oil resistance at 60ºC and lower temperatures

** Types SJ, SJO, SJTO, S, SO, ST, and STO may be made with water resistance insulation with "WATER RESISTANT" printed on jacket

** Types SJO, SJT, SJTO, SO, ST, STO, SPT-1 and SPT-2 may be made for outdoor use, with "W-A" printed on the jack after the Type designation (example: TYPE SJTW-A)

** Types TPT, SPT-1, SPT-2, SPT-3, HPN, SVO, SJO, SJTO, SO, ST, STO (the parallel conductor types are limited to two conductor construction) may be made in retractile form.

** Types SV, SVO, SVT, SVTO, SJ, SJT, SJTO, SJTO, S, SO, ST, and STO may be made with foil, sleeved, or braided shields under the jacket and are printed "SHIELDED"

*** Temperature ratings higher 60ºC are printed on jacket except for heater cordage Types HPN.HPN and HPD heater cordage are rated 90ºC for core only, 60ºC (or special 75ºC and 90ºC) for jacket only.

\+ Also recognized by Underwriters' Laboratories, Inc. In three conductors when the third conductor (with green Insulation) is used for appliance or equipment grounding.

++ Insulation and jacket thickness depend on cord size. Thicknesses shown are for 18 and 16 AWG.

1 Note SRD or SRDT-3-conductor versions can be made in braidless parallel construction with .110" normal insulation

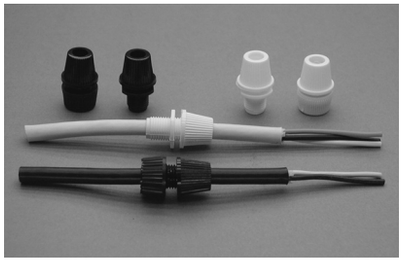
CONDUCTOR DIAGRAM & CROSS SECTIONAL AREA

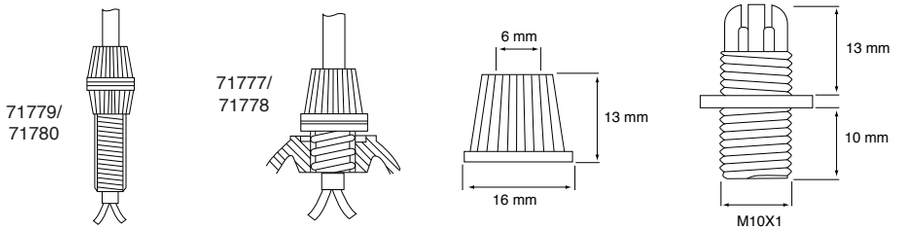
Conductor Dimension

SIZE OF	Nominal		Minimum		Nominal		Nominal			
CONDUCTOR	Mils	mm	Mils	mm²	Mils	mm²	Mils	mm²	Cmil	mm²
30 AWG	10.0	0.254	9.9	0.251	100	0.0507	0.98	0.0497		
29	11.3	0.287	11.2	0.284	128	0.0647	125	0.0633		
28	12.6	0.320	12.5	0.318	159	0.0804	156	0.0790		
27	14.2	0.361	14.1	0.358	202	0.102	198	0.100		
26	15.9	0.404	15.7	0.399	253	0.128	248	0.126		
25	17.9	0.455	17.7	0.450	320	0.182	314	0.159		
24	20.1	0.511	19.9	0.606	404	0.205	396	0.201	392	0.199
23	22.6	0.574	22.4	0.568	611	0.259	501	0.254	496	0.251
22	25.3	0.643	25.0	0.637	640	0.324	627	0.318	821	0.314
21	28.5	0.724	28.2	0.717	812	0.412	796	0.404	788	0.400
20	32.0	0.813	31.7	0.805	1020	0.519	1000	0.509	989	0.503
19	35.9	0.912	35.6	0.904	1290	0.653	1264	0.641	1251	0.833
18	40.3	1.02	40.0	1.016	1620	0.823	1588	0.807	1571	0.798
17	45.3	1.15	44.9	1.140	2050	1.04	2009	1.02	1989	1.01
16	50.8	1.29	50.3	1.278	2580	1.31	2528	1.28	2503	1.27
15	67.1	1.45	56.5	1.435	3260	1.65	3195	1.62	3162	1.60
14	64.1	1.63	63.5	1.613	4110	2.08	4028	2.04	3987	2.02
13	72.0	1.83	71	1.81	5180	2.63	5076	2.58	6025	2.55
12	80.9	2.05	80	2.03	6530	3.31	6399	3.24	6334	3.21
11	90.7	2.30	90	2.28	8230	4.17	8065	4.09	7983	4.04
10	101.9	2.588	101	2.56	10380	5.261	10172	5.16	10069	5.103
9	114.4	2.906	113	2.88	13090	6.631	12828	6.50		
8	128.5	3.264	127	3.23	16510	8.367	16180	8.20		
7	144.3	3.665	143	3.63	20820	10.55	20404	10.34		
6	162.0	4.115	160	4.07	26240	13.30	25715	13.03		
5	181.9	4.620	180	4.57	33090	16.77	32428	16.43		
4	204.3	5.189	202	5.14	41740	21.15	40905	20.73		
3	229.4	5.827	227	5.77	52620	26.67	51568	26.14		
2	257.6	6.543	255	6.48	66360	33.62	65033	32.95		
1	289.3	7.348	286	7.27	83690	42.41	82016	41.56		
1/0	324.9	8.262	322	8.17	105600	53.49	103488	52.42		
2/0	364.8	9.266	361	9.17	133100	67.43	130438	66.08		
3/0	409.6	10.40	406	10.30	167800	85.01	164444	83.31		
4/0	460.0	11.68	455	11.66	211600	107.2	207368	105.1		

WIRING ACCESSORIES

717XX Series Two Piece Cord Strain Relief



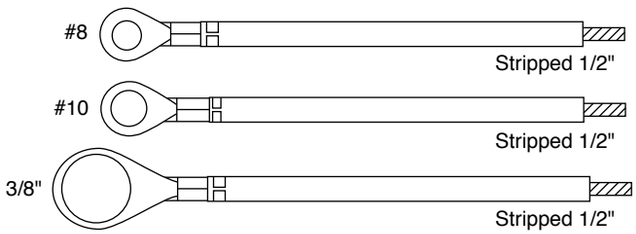


- An excellent gripping strain relief for use on SVT 18/2 or 18/3 lamp cord.
- As cap is screwed down, it compresses the fingers of the body to firmly grip into the jacket of the wire.
- Two styles are available, a male for going into a female thread and a female to go over a pipe thread.
- Available in Black or White
- Ideal for use on pendant fixtures
- Thermoplastic construction

ITEM NUMBER	WIRE SIZES	BUSHINGS	COLOUR
71777	FOR	MALE	WHITE
71778	SVT 18/2	MALE	BLACK
71779	OR	FEMALE	WHITE
71780	SVT 18/3	FEMALE	BLACK

LEADXXXXX Series Ground Wire Leads

Fig. U



- Pre-made ground leads constructed from Green 18 AWG AWM/TEW 105°C wire, with a ring at one end and the other end stripped ½" in length.
- Helps reduce assembly time in production
- We can produce any wire type, length or termination that you require, please consult with our staff.

ITEM NUMBER	LENGTH	WIRE TYPE	AWG	TERMINATION		125V RATING	COLOUR	FIGURE
				RING	STRIP			
LEAD9TG#8R	9"	TEW	18	# 8 RING	1/2"	10A	GREEN	U
LEAD12TG#8R	12"	TEW	18	# 8 RING	1/2"	10A	GREEN	U
LEAD9TG#10R	9"	TEW	18	#10 RING	1/2"	10A	GREEN	U
LEAD12TG#10R	12"	TEW	18	#10 RING	1/2"	10A	GREEN	U
LEAD9TG3/8R	9"	TEW	18	3/8" RING(1/8"IPS)	1/2"	10A	GREEN	U
LEAD12TG3/8R	12"	TEW	18	3/8" RING(1/8"IPS)	1/2"	10A	GREEN	U

POWER INLET CONNECTORS

0707-1 Series Power Inlet Connectors (65ºC)

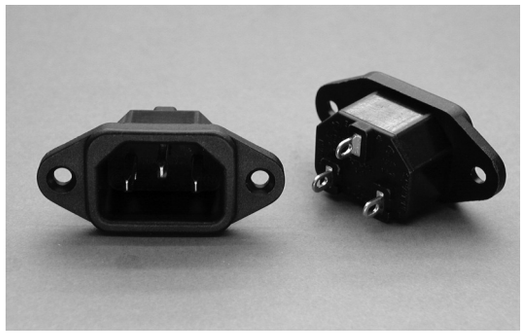
IEC 320

Flat Ear - for Rivet mounting

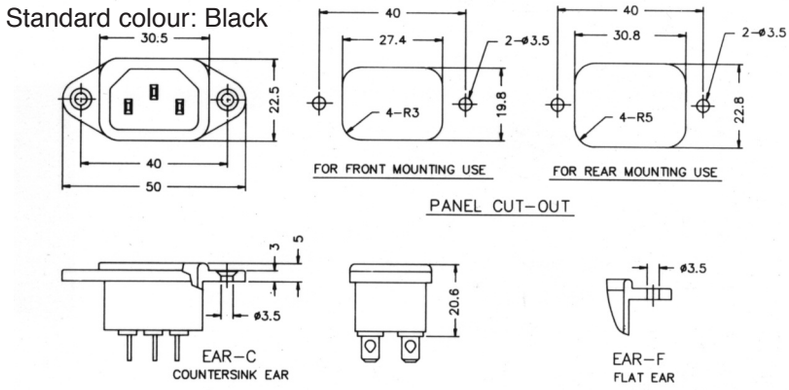
PART NO.	TERMINATION
0707-1 F/QD 250	.250” x .032” Male Tabs
0707-1 F/QD 187	.187” x .032” Male Tabs
0707-1 F/ST	Solder terminal

Countersunk Ear - for Screw mounting

PART NO.	TERMINATION
0707-1 C/QD 250	.250” x .032” Male Tabs
0707-1 C/QD 187	.187” x .032” Male Tabs
0707-1 C/ST	Solder terminal



Standard colour: Black



- The IEC 320 power inlet connectors allow you to attach either a North American or International cordset to your application.
- Allow for standardization of equipment for use throughout the world
- Unique ear design for either Rivet or Screw mount; attach to panel from either front or rear
- All sizes rated at 15 Amps/250 Volts (10 Amps in Europe)
- Molded of type 6/6 nylon. Flammablility classification 94V-0; temperature index 65ºC
- For international approval status, file numbers and tab connector data, on page J25

0711/0711-1 Series Snap-In Power Inlet Connectors (65ºC)

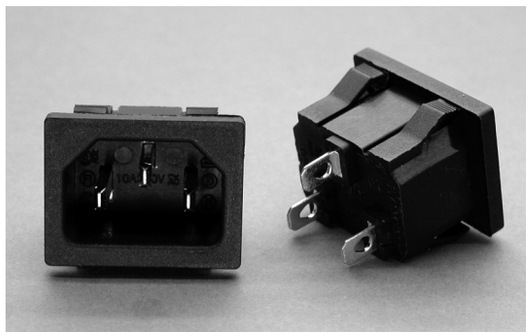
IEC 320

Vertical Terminals

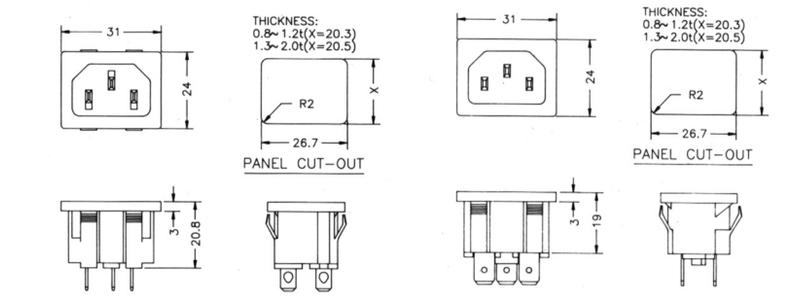
PART NO.	TERMINATION
0711 QD 250	.250” x .032” Male Tabs
0711 QD 187	.187” x .032” Male Tabs
0711 ST	Solder terminal

Horizontal Terminals

PART NO.	TERMINATION
0711-1 QD 250	.250” x .032” Male Tabs
0711-1 QD 187	.187” x .032” Male Tabs
0711-1ST	Solder terminal



Standard colour: Black



- Snap-in, IEC power inlets suitable for chassis from 0.032” (0.8mm) to 0.079” (2.0mm) thick
- Allow for standardization of equipment for use through out the world, since they separate the cordset from the application
- Nickel plated brass contacts; Horizontal terminals are two peice riveted contacts
- All sizes rated at 15 Amps/250 Volts (10 Amps in Europe)
- Molded of type 6/6 nylon. Flammablility classification 94V-0; temperature index 65ºC
- For international approval status, file numbers and tab connector data, on page J25

ACCESSORY POWER OUTLETS

0708-1 Series Power Outlet Connectors (65ºC)

IEC 320

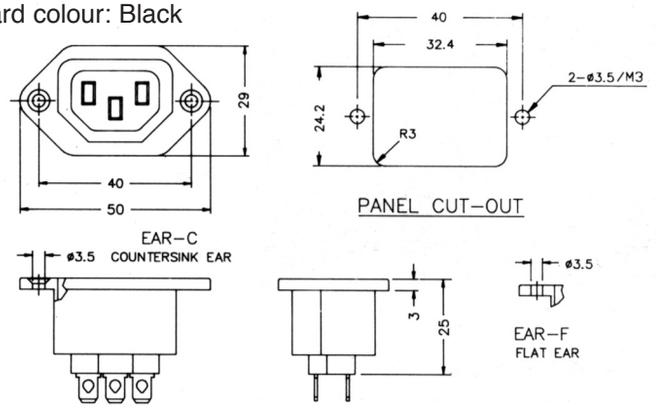
Flat Ear - for Rivet mounting

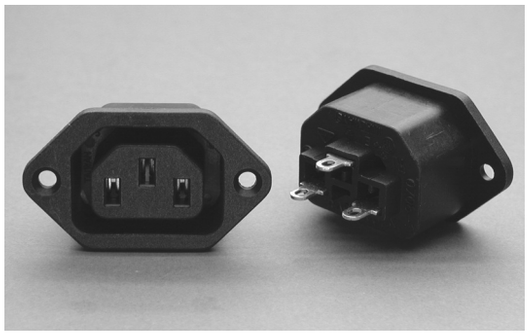
PART NO.	TERMINATION
0708-1 F/QD 250	.250" x .032" Male Tabs
0708-1 F/QD 187	.187" x .032" Male Tabs
0708-1 F/ST	Solder terminal

Countersunk Ear - for Screw mounting

PART NO.	TERMINATION
0708-1 C/QD 250	.250" x .032" Male Tabs
0708-1 C/QD 187	.187" x .032" Male Tabs
0708-1 C/ST	Solder terminal

Standard colour: Black





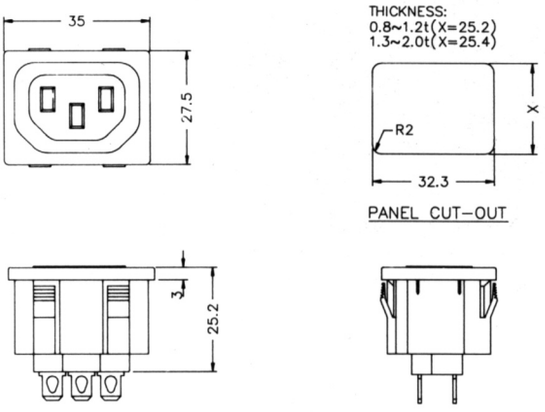
- These "Reverse" IEC 320 power outlet connectors are used for accessory power connections.
- Unique ear design allows for either Rivet or Screw mount.
- All sizes rated at 10 Amps/250 Volts
- Nickel plated brass contacts.
- Molded of type 6/6 nylon. Flammability classification 94V-0; temperature index 65ºC
- For international approval status, file numbers and tab connector data, on page J25

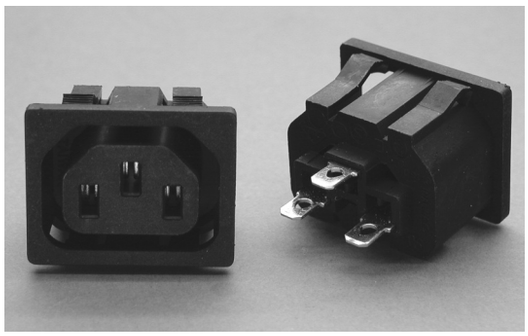
0718-1 Series Snap-In Power Outlet Connectors

IEC 320

PART NO.	TERMINATION
0718-1 F/QD 250	.250" x .032" Male Tabs
0718-1 F/QD 187	.187" x .032" Male Tabs
0718-1 F/ST	Solder terminal

Standard colour: Black





- Snap-in, IEC power inlets suitable for chassis from 0.032" (0.8mm) to 0.125" (3.2mm) thick
- Allow for standardization of equipment for use through out the world
- Nickel plated brass contacts; Horizontal terminals are two peice riveted contacts
- All sizes rated at 15 Amps/250 Volts (10 Amps in Europe)
- Molded of type 6/6 nylon. Flammablility classification 94V-0; temperature index 65ºC

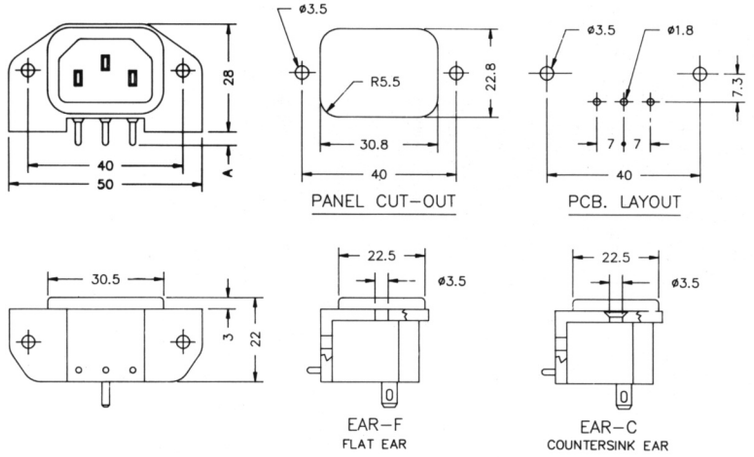
POWER INLET CONNECTORS

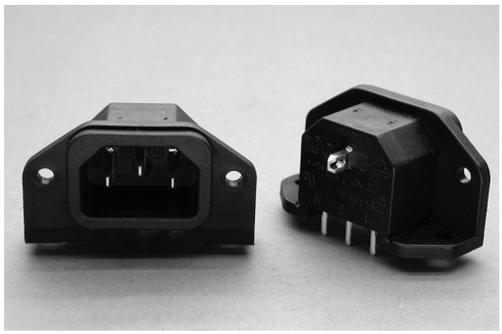
0714 PCB Mounting Power Inlet Connectors

IEC 320

PART NO.	TERMINATION
0714	PCB Solder Pins

Standard colour: Black





- A right angle printed circuit board connector mounted with screws.
- Allows for standardization of equipment for international use.
- Tin plated solid brass contacts.
- All sizes rated at 10 Amps/250 Volts
- Molded of type 6/6 nylon. Flammability classification 94V-0; temperature index 65ºC
- For international approval status, file numbers and tab connector data, on page J25

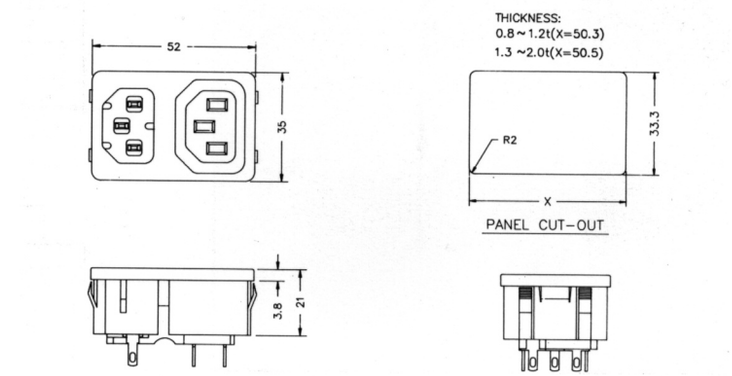
0712 Power Inlet and Outlet Connectors

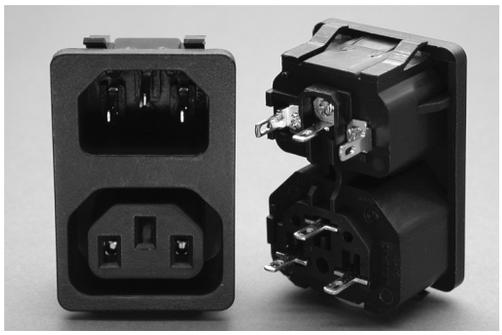
IEC 320 IEC 320

Snap-In Vertical Terminals

PART NO.	TERMINATION
0712 QD 187	.187” x .032” Male Tabs
0712 ST	Solder Terminal

Standard colour: Black





- A snap-in, IEC power inlet/outlet suitable for chassis from 0.032” (0.8mm) to 0.079” (2.0mm) thick.
- Allows for standardization of equipment throughout the world; with built in “Reverse” connector for accessory power.
- All sizes rated at 10 Amps/250 Volts
- Molded of type 6/6 nylon. Flammability classification 94V-0; temperature index 65ºC

POWER INLET CONNECTORS WITH FUSEHOLDERS

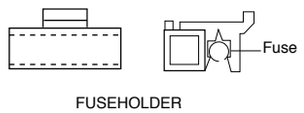
0717 Screw On Mount

IEC 320

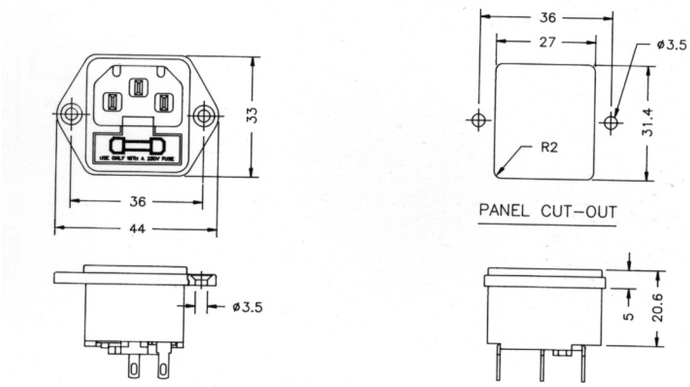
5 x 20mm Fuseholder

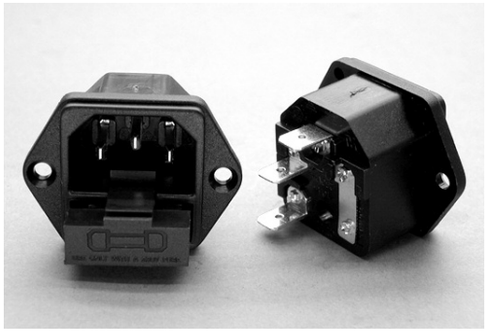
PART NO.	TERMINATION
0717 QD 187	.187" x .032" Male Tabs
0717 ST	Solder Terminal

Standard colour: Black



FUSEHOLDER





- The IEC 320 power inlet connector with fuseholder allows you to attach either a North American or International cordset to your equipment
- Allows for standardization of equipment for use throughout the world.
- Screw on panel mount from front or rear
- All sizes rated at 10 Amps/250 Volts
- Nickel plated brass contacts.
- Molded of type 6/6 nylon. Flammability classification 94V-0; temperature index 65ºC
- For international approval status, file numbers and tab connector data, on page J25

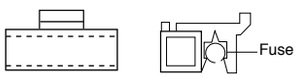
0717-1 Snap-In Mount

IEC 320

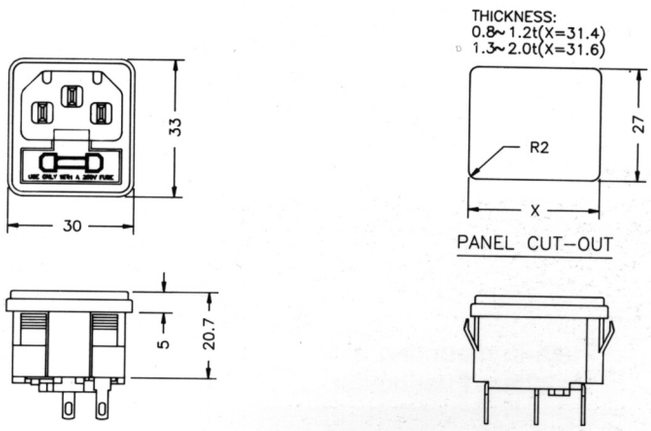
5 x 20mm Fuseholder

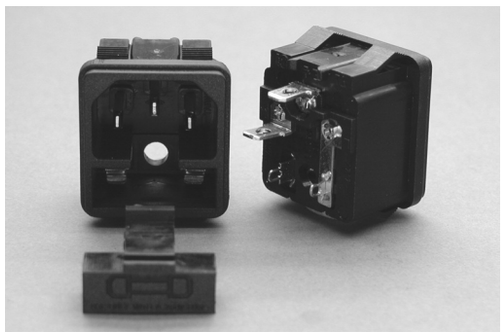
PART NO.	TERMINATION
0717-1 QD 187	.187" x .032" Male Tabs
0717-1 ST	Solder Terminal

Standard colour: Black



FUSEHOLDER





- Snap-in, power inlet connector with fuseholder allows you to attach either a North American or International cordset to your equipment.
- Suitable for chassis from 0.032" (0.8mm) to 0.125" (3.2mm) thick.
- Allows for standardization of equipment for use throughout the world.
- All sizes rated at 10 Amps/250 Volts
- Nickel plated brass contacts.
- Molded of type 6/6 nylon. Flammability classification 94V-0; temperature index 65ºC
- For international approval status, file numbers and tab connector data, on page J25

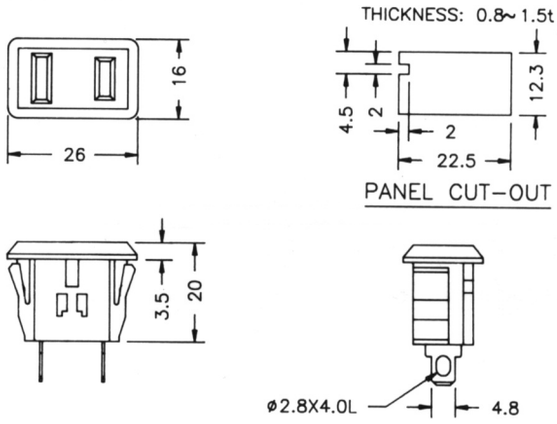
NORTH AMERICAN CONVENIENCE OUTLETS

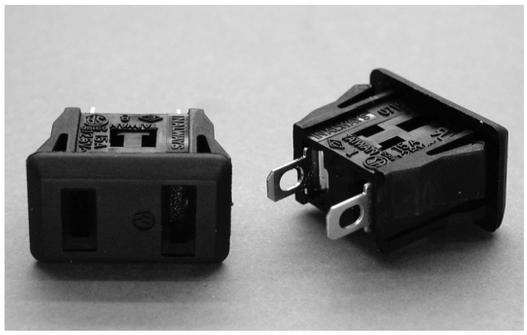
0715 Wire - 1-15R Receptacles with Quick Disconnect Male Tabs

1-15R

PART NO.	TERMINATION
0715 QD 187	.187" x .032" Male Tabs

Standard colour: Black





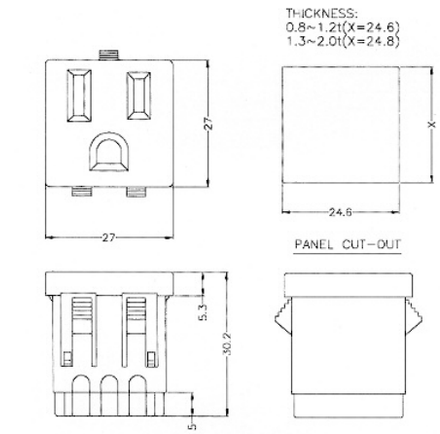
- Snap-in, miniature power outlet.
- Outlet installs on small electrical appliances, clocks, radios and toasters.
- Rated at 15 Amps/125 Volts.
- Molded of type 6/6 nylon. Flammability classification 94V-0; temperature index 65ºC.
- For international approval status, file numbers and tab connector data, on page J25

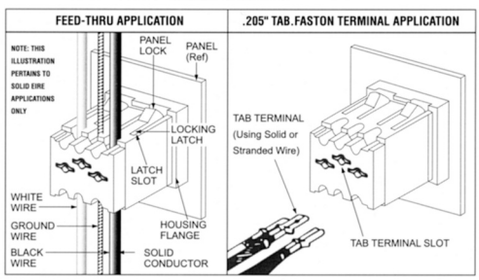
0710 Series Wire Grounding - 5-15R Receptacles For "QD" Tabs or Solid Wire

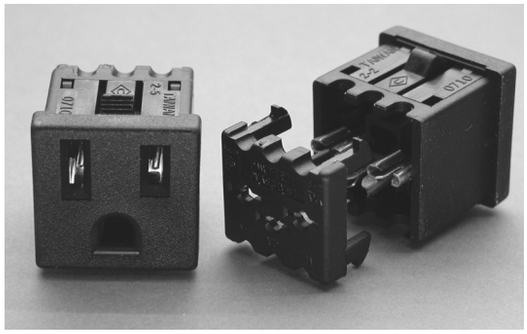
5-15R

Snap-In Vertical Terminals

PART NO.	WIRE RANGE
0710-PV12	14-12 AWG SOLID WIRE / .205" x .032" MALE TABS
0710-PV16	18-16 AWG SOLID WIRE / .205" x .032" MALE TABS







- Snap-in, NEMA5-15R receptacle.
- Three wire grounding, rated at 15 Amps/125 Volts.
- Receptacle installs on power supplies, computers, test equipment and whenever an accessory is desired or needed.
- Unique design allows for either solid or stranded wire termination (see diagram)
- Molded of type 6/6 nylon. Flammability classification 94V-0; temperature index 65ºC
- For international approval status, file numbers and tab connector data, on page J25

NORTH AMERICAN RECEPTACLE OUTLETS

Approval Status

DESCRIPTION	UL UNITED STATES	CSA CANADA	VDE GERMANY	SEV SWITZERLAND	SEMKO SWEDEN	DEMKO DENMARK	NEMKO NORWAY	SETI FINLAND
0707-1	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
0708-1	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED			
0709	RECOGNIZED	CERTIFIED						
0709-1	RECOGNIZED	CERTIFIED						
0710	RECOGNIZED	CERTIFIED						
0711	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
0712	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED			
0714	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
0715	RECOGNIZED	CERTIFIED						
0717	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED			
0717-1	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED			
0718	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED			
0718-1	RECOGNIZED	CERTIFIED	APPROVED	APPROVED	APPROVED			

Terminal Tab Information

CODE	TAB DIMENSIONS
ST	Ø.59" x .098"L (1.5 x 2.5L) .177" (4.5) 2.5mm/Solder Tab
N	ø.78" x .126"L (2.0 x 3.2L) .216" (5.5) 4.0mm/Solder Tab
QD 187	ø.110" x .130"L (2.8 x 3.3L) .256" (6.5) 4.8mm/.187"/Solder Tab
QD 250	ø.067" (1.7) .315" (8.0) 6.3mm/.250"/Push-On Tab

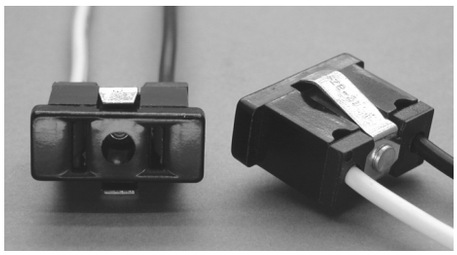
File Numbers

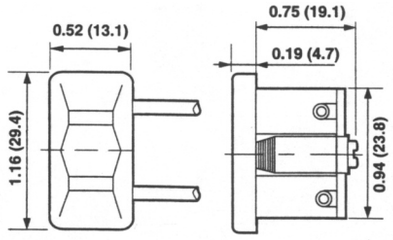
AGENCY	FILE NUMBERS
UL UNITED STATES	E132943
CSA CANADA	073833
VDE GERMANY	16698-1550-1700/AI
SEV SWITZERLAND	915508801, 915508802, 9155088701, 9155088702, 9155088703
SEMKO SWEDEN	9109170, 9109171, 9109173, 9109174, 9109175, 9109176
DEMKO DENMARK	94644KM
NEMKO NORWAY	L8477201, L8477202, L8477203
SETI FINLAND	13826201, 13826201, 13826203

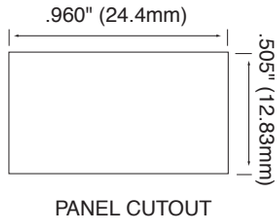
NORTH AMERICAN SNAP-IN CONVENIENCE OUTLETS

1306-BL 1-15R 2 Wire Snap-In Phenolic Outlet Black
1306-WH 1-15R 2 Wire Snap-In Phenolic Outlet White

1-15R



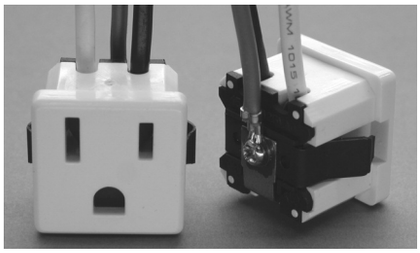


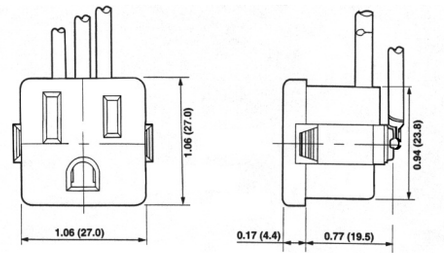


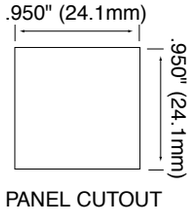
- Made from black phenolic or white urea
- Designed to snap in surface mounting in fixtures, appliances and general applications
- Tempered steel spring clips to securely hold in panel
- Standard leads are 14AWM/TEW 105ºC
- Accommodates panel thicknness of 0.031” to 0.062” with tight fit
- Other leads lengths and terminations are available
- Rated 15A at 125V
- UL listed and CSA approved

1372-BL 5-15R U Ground Snap-In Receptacle Black
1372-WH 5-15R U Ground Snap-In Receptacle White

5-15R



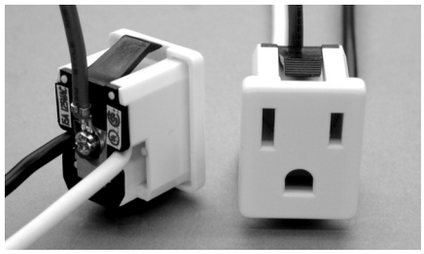


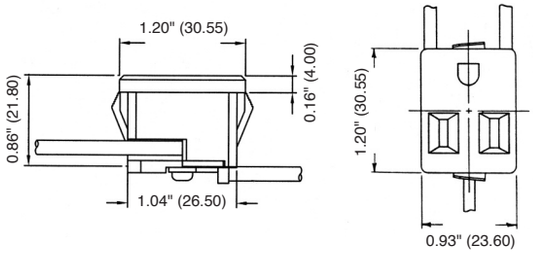


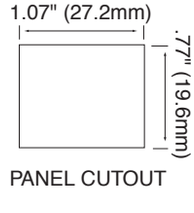
- Made from molded plastic, black or white
- Designed to snap in surface mounting in fixtures, appliances and general applications
- Tempered steel spring clips to securely hold in panel
- Plastic clips are available, change part no. to 1372P
- Accommodates panel thicknness of 0.031” to 0.062”with tight fit
- Standard leads are 14AWG 6” AWM/TEW 105ºC on white and black and 16AWG 6” AWM/TEW on green All are stripped 1/2” long
- Other leads lengths and terminations are available
- Rated 15A at 125V
- UL listed and CSA approved

CO-R3T-N1-BL Narrow 5-15RU Ground Snap In Receptacle Black
CO-R3T-N1-WH Narrow 5-15RU Ground Snap In Receptacle White

5-15R







- Made from molded plastic, black or white
- Designed to snap in surface panel in fixtures, appliances, and general applications
- Designed for use in narrow or shallow locations
- Accommodates panel thicknness of 0.031” to 0.062” with tight fit
- Other leads lengths and terminations are available
- Tempered steel spring clips are standard. Plastic clips are available, change part number to CO-R3P-N1-BL or -WH
- Standard leads are 14AWG 6” AWM/TEW 105ºC on white and black and 16AWG 6” AWM/TEW on green All are stripped 1/2” long
- Rated 15A at 125V
- UL listed and CSA approved