



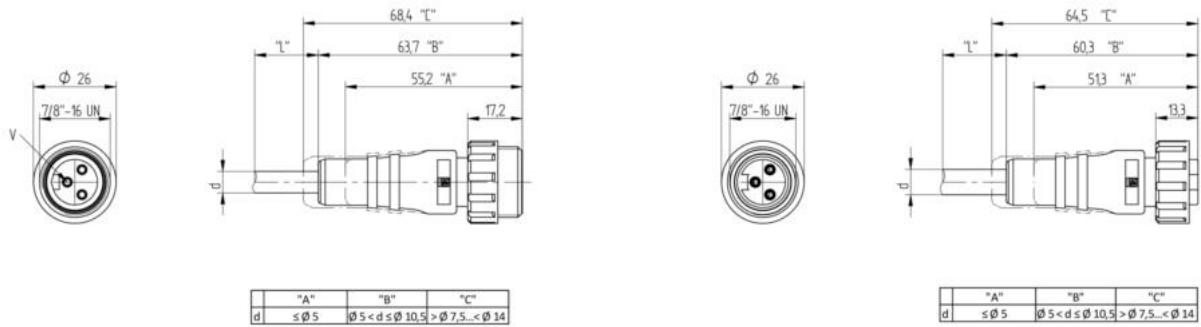
Product: [RSRK 30-6049](#) 

7/8" Power Double-Ended Cordset: Male straight to Female straight, 3-pin(2+PE), yellow body, 600V(UL Referenced), 9 A; PVC yellow cable, 1.00 mm²

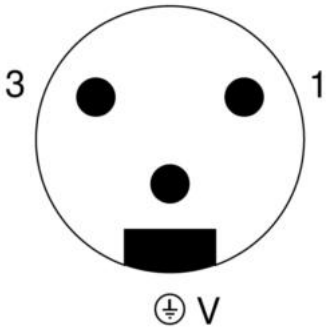
Product Description

7/8" Power Double-Ended Cordset: Male straight to Female straight, 3-pin(2+PE), yellow body, 600V(UL Referenced), 9 A; PVC yellow cable, 1.00 mm²

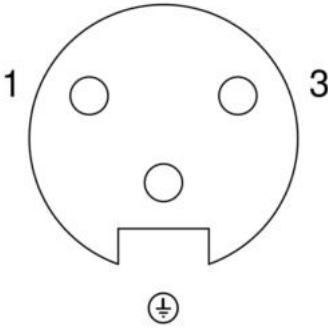
Technical Drawing



Male



Female



Technical Specifications

Face View Side 1

Pin 1	Pin 2	Pin 3
green	black	white

Face View Side 2

Pin 1	Pin 2	Pin 3
green	black	white

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	600 V AC/DC
Operating Voltage:	300 V DC/AC
Rated Current*:	9 A

Technical Data Side 1

Product Sub Family:	7/8" Circular Connectors
Type of Contact / Gender:	male
Connector Design:	straight
Attachment Type:	Coupling nut
Number of Pins:	3
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Contact Base Material:	CuZn
Contact Plating:	Ag/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	orange
Molded Body Material:	TPU
Molded Body Color:	Yellow
Attachment Material:	PA, black
Note:	Do not connect / disconnect under load.

Cable Data

Cable Number:	6049
Conductor Size:	1 mm²
Number of Wires:	3
Cycles (Bending):	≥ 5 million cycles (1m Travel Distance, 20cycles/min, 1.5m/s)
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	Yellow
Cable Diameter D:	ø 6.40 mm
Wire Insulation Material:	PE
Insulated Wire Diameter:	ø 2.15 mm
Ambient Temperature (Fixed Installation):	- 40 °C to +80 °
UL Cable Type:	AWM: 22438
Flammability Class (Cable Jacket):	FT2, IEC 60332-1-2

Technical Data Side 2

Product Sub Family, Side 2:	7/8" Circular Connectors
Type of Contact / Gender, Side 2:	female
Connector Design, Side 2:	straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	3
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10^9 Ohm
Ambient Temperature (Operation), Side 2*:	-40 °C to +90 °C
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Ag/Au
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	orange
Molded Body Material, Side 2:	TPU

Molded Body Color, Side 2:	Yellow
Attachment Material, Side 2:	PA, black
Note, Side 2:	Do not connect / disconnect under load.

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Note Derating:	* Notice derating
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Variants

Item #	Item Description	Cable Length
960491101	RSRK 30-6049/1 M	1.0 m
960491102	RSRK 30-6049/2 M	2.0 m
960491105	RSRK 30-6049/5 M	5 m
9604911010	RSRK 30-6049/10 M	10 m

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