



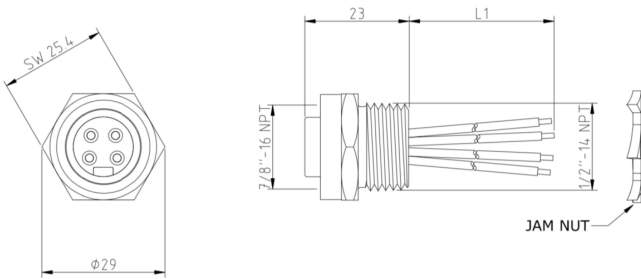
Product: [RKF 40-639](#)

7/8" Power Receptacle: Female, straight, 4-pin, front mount, 600 V, 10 A, with 16 AWG pigtail wires

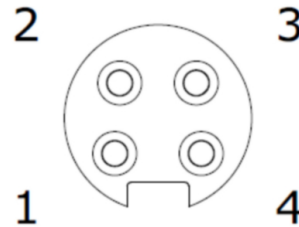
Product Description

7/8" Power Receptacle: Female, straight, 4-pin, front mount, 1/2" 14-NPT panel tap, 600 V (UL), 10 A (UL), 16 AWG, US Color Code

Technical Drawing



FACE VIEW FEMALE



- 1 = BK
- 2 = WH
- 3 = RD
- 4 = GN

US COLOR CODE

Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8"
Brand:	Lumberg Automation
Connector Type:	Receptacle
Type of Contact / Gender:	Female
Connector Design:	Front Mount, 1/2-14 NPT panel tap size

Number of Pins:	4
Coding:	A
Shielding:	Unshielded
Attachment Type:	Fixed, Internal Thread
Rated Voltage:	600 V
Rated Voltage (UL):	600 V
Rated Current*:	10 A
Rated Current (UL)*:	10 A
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP65, IP67

Materials

Contact Base Material:	CuZn
Contact Plating:	Au over Ag
Contact Bearer Material:	TPU
Contact Bearer Color:	YE
Housing Material:	Al, clear anodized
O-Ring Material:	FKM, panel side
Attachment Type, Side 2:	1/2-14 NPT, Steel, Lock Nut

Cable Data

Conductor Size:	16 AWG
Number of Wires:	4
Conductor material:	Cu
Wire Insulation Material:	PVC
Insulated Wire Diameter:	Ø 3.07 mm
UL Cable Type:	1015/1230

Approvals

UL-File:	E315587
UL:	UL recognized

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Notes

Note Derating:	Notice Derating
Protection Degree / IP Rating Note:	Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product
Note:	Do not connect / disconnect under load

Variants

Item #	Item Description	Cable Length
500004172	RKF 40-639/0.3M	0.3 m
500004173	RKF 40-639/0.5M	0.5 m
500004470	RKF 40-639/1M	1 m
500004764	RKF 40-639/2M	2 m
500004174	RKF 40-639/3M	3 m

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