



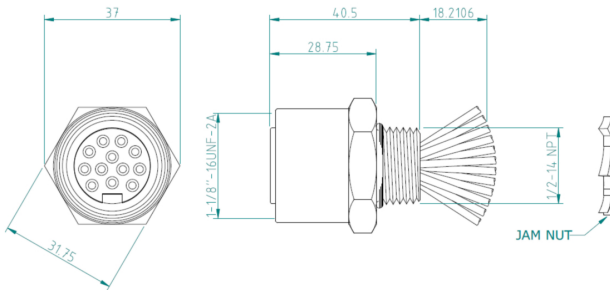
**Product:** [RKF 120M-624](#)

1-1/8" Power Receptacle: Female, straight, 12-pin, front mount, 600 V, 5 A, with 16 AWG pigtail wires

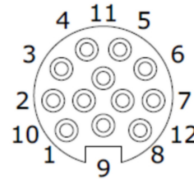
**Product Description**

1-1/8" Power Receptacle: Female, straight, 12-pin, front mount, 1/2" 14-NPT panel tap, 600 V, 5 A, 16 AWG, US Color Code

**Technical Drawing**



FACE VIEW FEMALE



- 1 = OR
- 2 = BU
- 3 = WH/BK
- 4 = RD/BK
- 5 = GN/BK
- 6 = OR/BK
- 7 = BU/BK
- 8 = BK/WH
- 9 = GN
- 10 = RD
- 11 = WH
- 12 = BK

US COLOR CODE

**Technical Specifications**

**Technical Data**

Product Family:	Power Connector
Side 1 Product Sub Family:	1 - 1/8"
Brand:	Lumberg Automation
Connector Type:	Receptacle
Side 1 Type of Contact/Gender:	Female
Connector Design:	Front Mount, 1/2-14 NPT panel tap size
Number of Pins:	12
Coding, Side 1:	A
Shielding Type:	Unshielded
Attachment Type:	Fixed, Internal Thread
Voltage Rating:	600 V
Rated Voltage (UL):	600 V
Current Rating:	5 A
Rated Current (UL)*:	5 A

Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP65, IP67

## Materials

Contact Base Material:	CuZn
Side 1 Contact Plating:	Au over Ag
Contact Bearer Material:	TPU
Contact Bearer Color:	YE
Housing Material:	Al, clear anodized
O-Ring Material:	FKM, panel side

## Cable Data

Conductor Size:	16 AWG
Number of Wires:	12
Conductor Material:	Cu
Wire Insulation Material:	PVC
Insulated Wire Diameter:	Ø 3.07 mm
UL Cable Type:	1015/1230

## Approvals

UL-File:	E315587
UL:	E315587

## 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

## Variants

Item #	Item Description	Cable Length
500004619	RKF 120M-624/2M	2 m
500004359	RKF 120M-624/3F	3 ft

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