



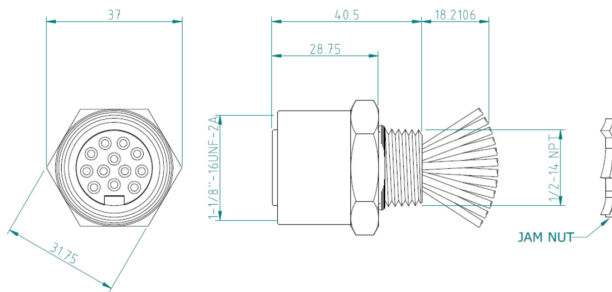
Product: [RKF 120M-676](#)

1-1/8" Power Receptacle: Female, straight, 12-pin, front mount, 1/2" 14-NPT panel tap, 300 V, 5 A, 18 AWG, Numeric Color Code

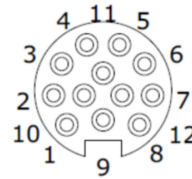
Product Description

1-1/8" Power Receptacle: Female, straight, 12-pin, front mount, 1/2" 14-NPT panel tap, 300 V, 5 A, 18 AWG, Numeric Color Code

Technical Drawing



FACE VIEW
FEMALE



- 1 = BK#1
- 2 = BK#2
- 3 = BK#3
- 4 = BK#4
- 5 = BK#5
- 6 = BK#6
- 7 = BK#7
- 8 = BK#8
- 9 = GN/YE
- 10 = BK#10
- 11 = BK#11
- 12 = BK#12

NUMERIC 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:	300 V
Rated Voltage (UL):	300 V
Rated Current (UL)*:	5 A
Ambient Temperature (Operation)*:	-40 °C to +90 °C

Protection Degree / IP Rating**:	IP65, IP67
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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:	18 AWG
Number of Wires:	12
Conductor Material:	Cu
Wire Insulation Material:	PVC
Insulated Wire Diameter:	Ø 2.03 mm
UL Cable Type:	1007/1569

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
500000890	RKF 120M-676/1F	1 ft
500002430	RKF 120M-676/2F	2 ft
500002199	RKF 120M-676/6F	6 ft
500004364	RKF 120M-676/15F	15 ft

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