

## 1 1/8" Mini-Receptacle Connectors, Front Mount, Numeric Color Code

RSF 120M...190M | RKF 1201M...1901M

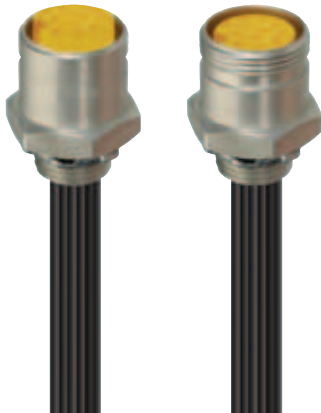
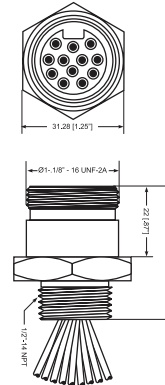


### Male, 12- and 19-Pole

Receptacle connector, 1 1/8"-c body, male  
12- and 19-pole for front mounting, assembled  
stranded wire, potted with epoxy, chassis side  
thread 1/2" NPT, screw connection.

- Numeric Color Code -

RSF 120M...190M



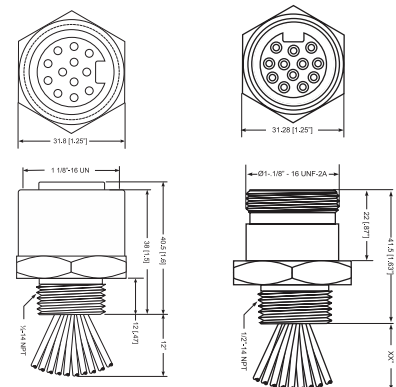
### Female, 12- and 19-Pole

Receptacle connector, 1 1/8"-c body, female  
12- and 19-pole for front mounting, assembled  
stranded wire, potted with epoxy, chassis side  
thread 1/2" NPT, screw connection.

- Internal Threads: RKF 120M-676/1F

- External Threads: RKF 1201M-676/1F

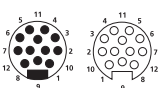
RKF 120M | RKF 1201M...1901M



## Pin Assignments

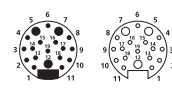
### Face Views, 1 1/8"-Male / Female

#### 12 pole



- 1 = black #1
- 2 = black #2
- 3 = black #3
- 4 = black #4
- 5 = black #5
- 6 = black #6
- 7 = black #7
- 8 = black #8
- 9 = green/yellow
- 10 = black #10
- 11 = black #11
- 12 = black #12

#### 19 pole



- 1 = black #1
- 2 = black #2
- 3 = black #3
- 4 = black #4
- 5 = black #5
- 6 = black #6
- 7 = black #7
- 8 = black #8
- 9 = black #9
- 10 = black #10
- 11 = black #11
- 12 = green/yellow
- 13 = black #13
- 14 = black #14
- 15 = black #15
- 16 = black #16
- 17 = black #17
- 18 = black #18
- 19 = black #19



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**Technical Data**

**Environmental**







Degree of protection IP 68 / NEMA 6P  
Operating temperature range -40°C (-40°F) / +90°C (+194°F)

**Mechanical**

Insert TPU, yellow  
Contacts CuZn, gold plated  
Receptacle shell Aluminum (anodized, clear)  
Locknut Steel, zinc plated  
O-ring Viton

**Electrical**

Current rating  
12 pole: 9 = ground  
10 and 12: 12 A  
All other: 4 A  
19 pole: 12 = ground  
5 and 7 = 8 A  
All other: 3 A  
  
Voltage rating 300 V

Part Number			Pins	Gauge	Characteristics
<b>Male External Threads</b>	<b>Female External Threads</b>	<b>Female Internal Threads</b>			
RSF 120M-676/1F	RKF 1201M-676/1F	RKF 120M-676/1F	12	18	  
RSF 190M-669/1F	RKF 1901M-669/1F	RKF 190M-669/1F	19	18	  

# Mouser Electronics

Authorized Distributor

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[RKF 120M-676/15F](#) [RKF 120M-676/1F](#) [RKF 120M-676/2F](#) [RKF 120M-676/6F](#)