

7/8" Mini-Receptacle Connectors, Front Mount, US Color Code

RSF 20...60A | RKF 201...601A

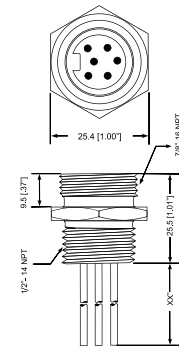


Male, 2-, 3-, 4-, 5, and 6-Pole

Receptacle connector, 7/8"-A body, male
2-, 3-, 4-, 5, and 6-pole for front mounting,
assembled stranded wire, potted with epoxy,
chassis side thread 1/2" NPT, screw connection.

— US Color Code —

RSF 20...60A

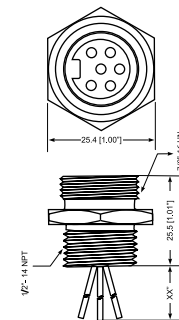


Female, 2-, 3-, 4-, 5, and 6-Pole

Receptacle connector, 7/8"-A body, female
2-, 3-, 4-, 5, and 6-pole for front mounting,
assembled stranded wire, potted with epoxy,
chassis side thread 1/2" NPT, screw connection.

— US Color Code —

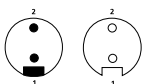
RKF 201...601A



Pin Assignments

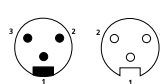
Face Views, 7/8"-Male / Female

2 pole



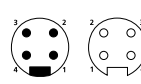
1 = white
2 = black

3 pole



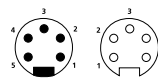
1 = green
2 = black
3 = white

4 pole



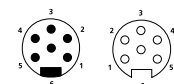
1 = black
2 = white
3 = red
4 = green

5 pole



1 = white
2 = red
3 = green
4 = orange
5 = black

6 pole



1 = white
2 = red
3 = green
4 = orange
5 = black
6 = blue



Be Certain with Belden

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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 Zinc die cast (e-coated black)
Locknut Steel, zinc plated
O-ring Viton

Electrical

Current rating 2 pole: 12 A
3-5 pole: 8 A
6 pole: 5 A
Voltage rating 2-5 pole: 600 V
6 pole: 300 V

Part Number	Pins	Gauge	Characteristics
RSF 20-678/1F RKF 201-678/1F	2	16	  
RSF 30-638/1F RKF 301-638/1F	3	16	  
RSF 40-639/1F RKF 401-639/1F	4	16	  
RSF 50-677/1F RKF 501-677/1F	5	16	  
RSF 60A-697/1F RKF 601A-697/1F	6	18	 

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

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[RKF 401-639/3F](#) [RKF 401-639/7F](#) [RKF 501-677/3F](#) [RKF 501-677/6F](#) [RKF 301-638/1F](#) [RKF 301-638/3F](#) [RKF 301-638/6F](#) [RKF 501-677/10F](#) [RKF 501-677/1F](#) [RKF 501-677/2F](#)