

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

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

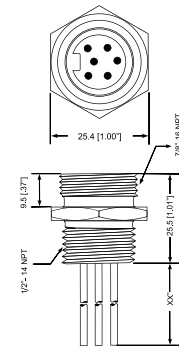


Male, 2-, 3-, 4-, 5, and 6-Pole

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

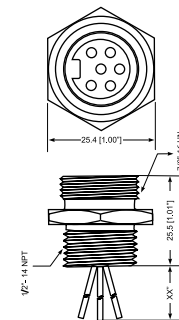


Female, 2-, 3-, 4-, 5, and 6-Pole

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 —

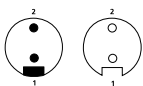
RKF 201...601A



Pin Assignments

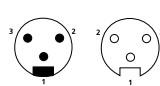
Face Views, 7/8"-Male / Female

2 pole



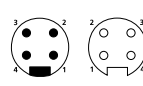
1 = white
2 = black

3 pole



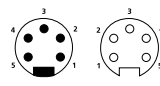
1 = green
2 = black
3 = white

4 pole



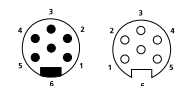
1 = black
2 = white
3 = red
4 = green

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

Receptacles



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

RSF 20...60A | RKF 201...601A | RKF 50-677

RKF 50-677

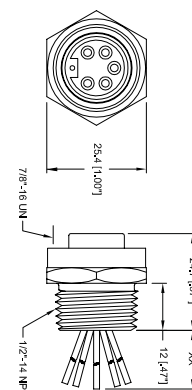


Female, 5-Pole

Receptacle connector, 7/8"-A body, female 5-pole (internal threads) for front mounting, assembled stranded wire, potted with epoxy, chassis side thread 1/2" NPT, screw connection.

— US Color Code —

RKF 50-677



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)

RKF 50-677: Aluminum, clear anodize

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
Male (External Threads)	Female (External Threads)	Female (Internal Threads)			
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	RKF 50-677/0.3M, 1M, or 3M	5	16	
RSF 60A-697/1F	RKF 601A-697/1F		6	18	

Mouser Electronics

Authorized Distributor

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[RKF 50-677/0.3M](#) [RKF 50-677/3M](#)