

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

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

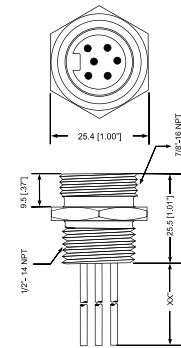


### Male, 2-, 3-, 4-, 5, and 6-Pole

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

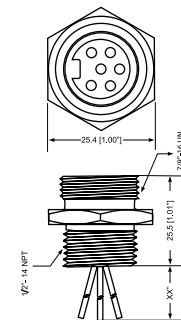


### Female, 2-, 3-, 4-, 5, and 6-Pole

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 –

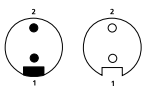
RKF 201...601A



## Pin Assignments

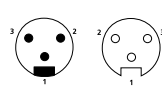
Face Views, 7/8"-Male / Female

### 2 pole



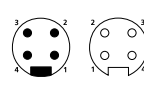
1 = white  
 2 = black

### 3 pole



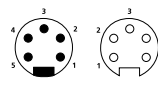
1 = green  
 2 = black  
 3 = white

### 4 pole



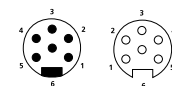
1 = black  
 2 = white  
 3 = red  
 4 = green

### 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

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

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

RKF 50-677

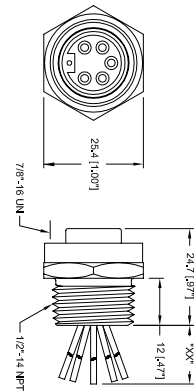


**Female, 5-Pole**

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	

Receptacles