

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

RSF 20...50 | RKF 20...50

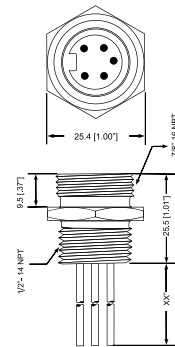


### Male, 2-, 3-, 4-, and 5-Pole

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

- IEC Color Code -

RSF 20...50

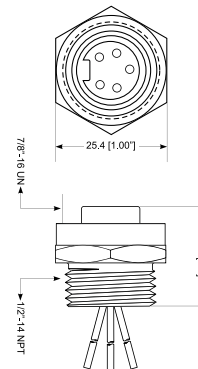


### Female, 2-, 3-, 4-, and 5-Pole

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

- IEC Color Code -

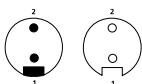
RKF 20...50



## Pin Assignments

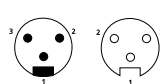
### Face Views, 7/8"-Male / Female

#### 2 pole



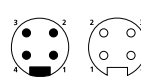
1 = brown  
2 = blue

#### 3 pole



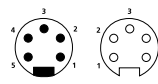
1 = black  
2 = brown  
3 = blue

#### 4 pole



1 = black  
2 = blue  
3 = brown  
4 = white

#### 5 pole













1 = black  
2 = blue  
3 = yellow/green tr.  
4 = brown  
5 = white



**7/8" Mini-Receptacle Connectors, Front Mount, IEC Color Code**  
RSF 20...50 | RKF 20...50

**Technical Data**

<b>Environmental</b>	
Degree of protection	IP 68 / NEMA 6P
Operating temperature range	-40°C (-40°F) / +90°C (+194°F)
<b>Mechanical</b>	
Molded body	TPU, yellow
Contacts	CuZn, gold plated
Receptacle shell	RSF: Zinc die cast (e-coated black) RKF: Aluminum (clear anodized)
Locknut	Steel, zinc plated
O-ring	Viton
<b>Electrical</b>	
Current rating	2 pole: 12 A 3 pole: 8 A 4 and 5 pole: 5.6 A
Voltage Rating	300 V

Part Number		Pins	Gauge	Characteristics
RSF 20-603/0.3 M	RKF 20-603/0.3 M	2	18	  
RSF 30-695/0.3 M	RKF 30-695/0.3 M	3	18	  
RSF 40-693/0.3 M	RKF 40-693/0.3 M	4	18	  
RSF 50-694/0.3 M	RKF 50-694/0.3 M	5	18	  

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[RSF 40-693/0.3M](#) [RSF 50-694/1M](#) [RSF 20-603/0.3M](#) [RSF 40-693/1M](#) [RSF 30-695/0.3M](#) [RSF 30-695/2M](#) [RSF 30-695/0.6M](#) [RSF 40-693/2M](#) [RSF 50-694/0.3M](#) [RSF 40-693/3M](#) [RSF 40-693/0.6M](#) [RSF 50-694/2M](#)