

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

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

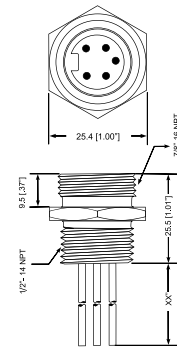


Male, 2-, 3-, 4-, and 5-Pole

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

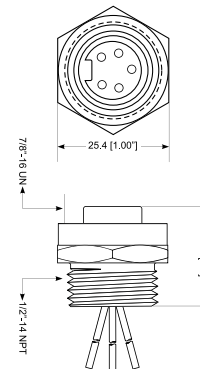


Female, 2-, 3-, 4-, and 5-Pole

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 -

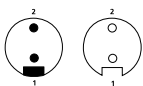
RKF 20...50



Pin Assignments

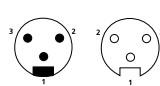
Face Views, 7/8"-Male / Female

2 pole



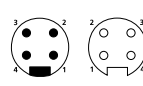
1 = brown
2 = blue

3 pole



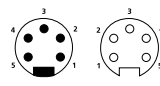
1 = black
2 = brown
3 = blue

4 pole



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

5 pole



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



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

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

Electrical

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	  

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

[RKF 40-639/0.3M](#) [RKF 40-639/0.5M](#) [RKF 40-639/3M](#) [RKF 20-603/0.3M](#) [RKF 20-603/1M](#) [RKF 30-695/2M](#) [RKF 30-695/3M](#) [RKF 40-693/0.3M](#) [RKF 40-693/2M](#) [RKF 40-693/3M](#) [RKF 50-694/0.3M](#) [RKF 50-694/1M](#) [RKF 50-694/2M](#) [RKF 50-694/3M](#) [RKF 30-695/0.3M](#) [RKF 30-695/1M](#)