

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

RSF 30...50 | RKF 301...501

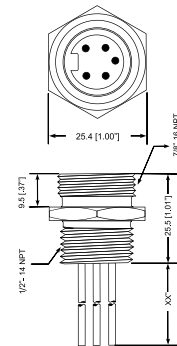


Male, 3- and 5-Pole

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

- Automotive Color Code -

RSF 30...50

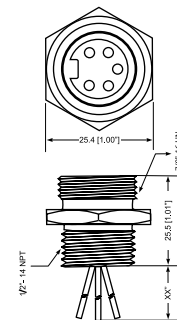


Female, 3- and 5-Pole

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

- Automotive Color Code -

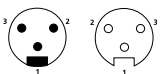
RKF 301...501



Pin Assignments

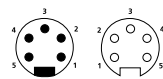
Face Views, 7/8"-Male / Female

3 pole



- 1 = green
- 2 = red/black
- 3 = red/white

5 pole



- 1 = red/white
- 2 = red
- 3 = green
- 4 = red/yellow
- 5 = red/black



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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

641 and 642
Current rating 8 A
Voltage rating 600 V

690
Current rating 5.6 A
Voltage rating 300 V

Part Number		Pins	Gauge	Characteristics
RSF 30-641/1F	RKF 301-641/1F	3	16	  
RSF 50-642/1F	RKF 501-642/1F	5	16	  
RSF 50-690/1F	RKF 501-690/1F	5	18	  

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

[RKF 301-641/12F](#) [RKF 301-641/1F](#) [RKF 301-641/3F](#) [RKF 301-641/9F](#) [RKF 501-642/1F](#) [RKF 501-642/3F](#) [RKF 501-642/6F](#) [RKF 501-690/15F](#) [RKF 501-690/1F](#) [RKF 501-690/6F](#)