

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

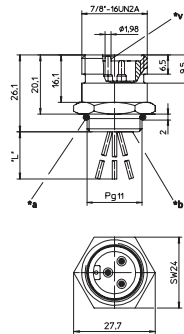
RSF.../11 | RSF.../13.5 | RKF.../11 | RKF.../13.5



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

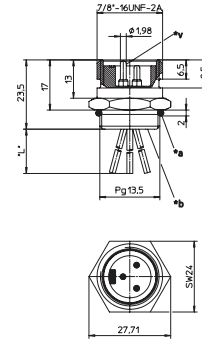
Receptacle connector, 7/8"-A body, male 2-, 3-, 4-, and 5-pole for front mounting, assembled stranded wire, potted with epoxy, chassis side thread PG11 or PG13.5, screw connection (panel nut RSKF 11 or RSKF 13.5).

RSF.../11



*a O-ring enclosed separately
*b solder contacts potted with epoxy
*L 0.3 m

RSF.../13.5



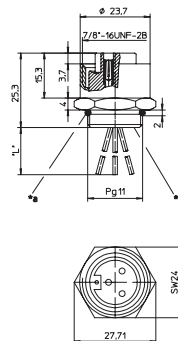
*a O-ring enclosed separately
*b solder contacts potted with epoxy
*V center contact leading
*L 0.3 m



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

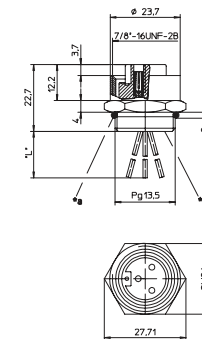
Receptacle connector, 7/8"-A body, female 2-, 3-, 4-, and 5-pole for front mounting, assembled stranded wire, potted with epoxy, chassis side thread PG11 or PG13.5, screw connection (panel nut RSKF 11 or RSKF 13.5).

RKF.../11



*a O-ring enclosed separately
*b solder contacts potted with epoxy
*L 0.3 m

RKF.../13.5

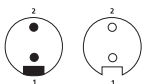


*a O-ring enclosed separately
*b solder contacts potted with epoxy
*L 0.3 m

Pin Assignments

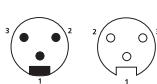
Face Views, 7/8"-Male / Female

2 pole



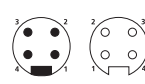
1 = brown
2 = blue

3 pole



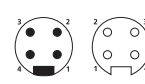
1 = brown
2 = black
3 = blue

4 pole



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

5 pole



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



Be Certain with Belden

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

RSF.../11 | RSF.../13.5 | RKF.../11 | RKF.../13.5

Technical Data

Environmental

Degree of protection IP 68 / NEMA 6P
Operating temperature range -25°C (-13°F) / +90°C (+194°F)

Mechanical

Housing / Molded body CuZn, nickel-plated
Insert TPU, self-extinguishing
Contact CuZn, silver-plated and 0.3 microns gold-plated

Electrical

Contact resistance $\leq 5 \text{ m}\Omega$
Nominal current at 40°C
2–3 poles 12 A
4–5 poles 9 A
Nominal voltage 240 V
Rated voltage 250 V
Test voltage
3–4 poles 2.5 kV eff. / 60 s
5 poles 1.5 kV eff. / 60 s
Insulation resistance $> 10^9 \Omega$
Pollution degree 3

Part Number				Pins	Lead (mm ²)	Characteristics
Male PG11	Male PG13.5	Female PG11	Female PG13.5			
RSF 20/11-03	RSF 20/13.5-03	RKF 20/11-03	RKF 20/13.5-03	2	0.75	 
RSF 30/11-01	RSF 30/13.5-01	RKF 30/11-01	RKF 30/13.5-01	3	0.75	 
RSF 30/11-05	RSF 30/13.5-05	RKF 30/11-05	RKF 30/13.5-05		0.75	 
RSF 40/11-02	RSF 40/13.5-02	RKF 40/11-02	RKF 40/13.5-02	4	0.5	 
RSF 50/11-04	RSF 50/13.5-04	RKF 50/11-04	RKF 50/13.5-04	5	0.5	 

Mouser Electronics

Authorized Distributor

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[RSF 50/13,5-04](#)