

1" Mini-Receptacle Connectors, Front Mount, US Color Code

RSF 60B...80M | RKF 601B...801M

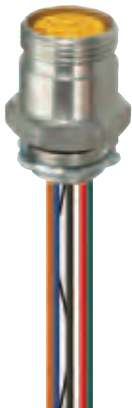
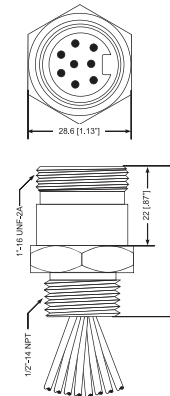


Male, 6-, 7-, and 8-Pole

Receptacle connector, 1"-B body, male
6-, 7-, and 8-pole for front mounting,
assembled stranded wire, potted with epoxy,
chassis side thread 1/2" NPT, screw connection.

- US Color Code -

RSF 60B...80M

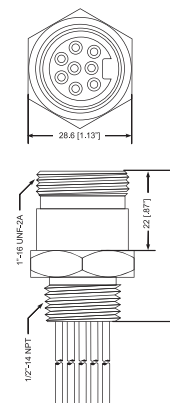


Female, 6-, 7-, and 8-Pole

Receptacle connector, 1"-B body, female
6-, 7-, and 8-pole for front mounting,
assembled stranded wire, potted with epoxy,
chassis side thread 1/2" NPT, screw connection.

- US Color Code -

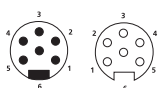
RKF 601B...801M



Pin Assignments

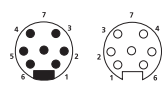
Face Views, 1"-Male / Female

6 pole



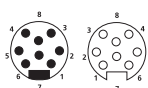
1 = orange
2 = blue
3 = black
4 = white
5 = red
6 = green

7 pole



1 = white/black
2 = black
3 = white
4 = red
5 = orange
6 = blue
7 = green

8 pole



1 = orange
2 = blue
3 = white/black
4 = black
5 = white
6 = red
7 = green
8 = red/black



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

| | |
|------------------|----------------------------|
| Insert | TPU, yellow |
| Contacts | CuZn, gold plated |
| Receptacle shell | Aluminum (anodized, clear) |
| Locknut | Steel, zinc plated |
| O-ring | Viton |

Electrical

| | |
|----------------|----------------------------------|
| Current rating | 6 and 7 pole: 8 A 8 pole: 7 A |
| Voltage rating | 600 V |

| Part Number | Pins | Gauge | Characteristics |
|--------------------------------|------|-------|---|
| RSF 60B-696/1F RKF 601B-696/1F | 6 | 16 |   |
| RSF 70M-622/1F RKF 701M-622/1F | 7 | 16 |   |
| RSF 80M-698/1F RKF 801M-698/1F | 8 | 16 |   |