

## Mini, 7/8"-Round-Plug Connector, Single-Ended Cordsets, Automotive Color Code

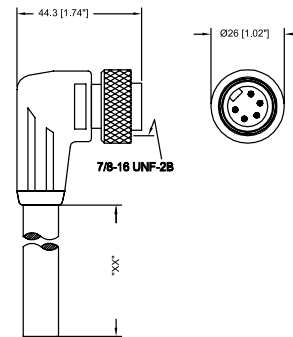
RSW 301...501 | RKW 30...50



### 3- and 5-Poles

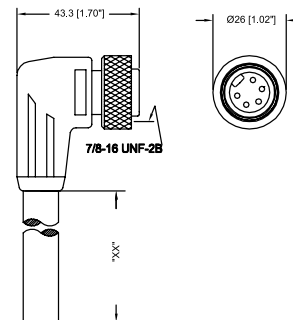
Mini, 7/8" single-ended cordsets, male 90°, 3- and 5-poles with internal threads and molded cable, Automotive color code.

**RSW**



Mini, 7/8" single-ended cordsets, female 90°, 3- and 5-poles with internal threads and molded cable, Automotive color code.

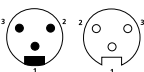
**RKW**



### Pin Assignments

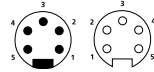
Mini, 7/8" - Male / Female

#### 3 poles



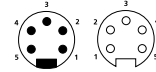
- 1 = green
- 2 = red w/black tr.
- 3 = red w/white tr.

#### 5 poles (742)

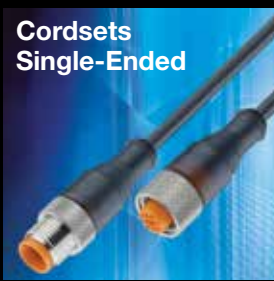


- 1 = red w/white tr.
- 2 = red
- 3 = green
- 4 = red w/orange tr.
- 5 = red w/black tr.

#### 5 poles (755)



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



## Mini, 7/8"-Round-Plug Connector, Single-Ended Cordsets, Automotive Color Code

RSW 301...501 | RKW 30...50

### Technical Data

#### Environmental

|                             |                               |
|-----------------------------|-------------------------------|
| Degree of protection        | IP 67 / NEMA 6P               |
| Operating temperature range | -40°C (-40°F) / +90°C (194°F) |

#### Mechanical

|                       |                               |
|-----------------------|-------------------------------|
| Housing / Molded body | TPU, yellow                   |
| Insert                | TPU, yellow                   |
| Contact               | CuZn, gold over silver plated |
| Coupling nut          | Aluminum, anodized black      |

#### Electrical

|                |              |       |
|----------------|--------------|-------|
| Current rating | 688/741/742: | 8 A   |
|                | 755:         | 5.6 A |
| Voltage rating | 741/742:     | 600 V |
|                | 688/755:     | 300 V |

### Cable Specifications - Automotive Color Code

| Cable No.  | Outer Jacket | Gauge | Jacket Color | OD              | Temperature Rating              | Agency Approvals              |
|------------|--------------|-------|--------------|-----------------|---------------------------------|-------------------------------|
| <b>688</b> | <b>PVC</b>   | 18AWG | Yellow       | .290" (7.4 mm)  | -40°C (-40°F) to +105°C (221°F) | UL: AWM2661                   |
| <b>741</b> | <b>TPE</b>   | 16AWG | Yellow       | .390" (9.9 mm)  | -40°C (-40°F) to +105°C (221°F) | UL: SE00W / CSA: ST00W        |
| <b>742</b> | <b>TPE</b>   | 16AWG | Yellow       | .495" (12.6 mm) | -40°C (-40°F) to +105°C (221°F) | UL: SE00W / CSA: ST00W        |
| <b>755</b> | <b>TPE</b>   | 18AWG | Yellow       | .333" (8.5 mm)  | -40°C (-40°F) to +90°C (194°F)  | UL: PLTC / CSA: AWM I/II, A/B |

| Part Number                         | Pins     | Outer Jacket | Standard Cable Lengths          | Characteristics                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------|----------|--------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RSW 301-688/...F    RKW 30-688/...F | <b>3</b> | <b>PVC</b>   | 6 F / 12 F / 15 F / 20 F / 30 F |                                                                                          |
| RSW 301-741/...F    RKW 30-741/...F | <b>3</b> | <b>TPE</b>   | 6 F / 12 F / 15 F / 20 F / 30 F |     |
| RSW 501-742/...F    RKW 50-742/...F | <b>5</b> | <b>TPE</b>   | 6 F / 12 F / 15 F / 20 F / 30 F |     |
| RSW 501-755/...F    RKW 50-755/...F | <b>5</b> | <b>TPE</b>   | 6 F / 12 F / 15 F / 20 F / 30 F |     |

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[RSW 501-755/6F](#) [RSW 301-741/30F](#) [RSW 301-741/6F](#) [RSW 301-688/2F](#) [RSW 501-742/6F](#) [RSW 301-741/12F](#)  
[RSW 501-755/20F](#) [RSW 501-742/20F](#) [RSW 501-742/30F](#) [RSW 501-755/15F](#)