

### SINGLE CONDUCTOR

#### 1 Conductor, 10 Amp

#### Model 110

| Part No. | Conductors | Description             | VOLTAGE AC/DC | AMP RATING AT 240 VAC | MAX FREQ. MHz | CONTACT RESISTANCE | MAX OP. RPM | TEMPERATURE Max.F(C) / Min.F(C) | ROTATION Torque (gm-cm) | CIRCUIT SEPARATION |
|----------|------------|-------------------------|---------------|-----------------------|---------------|--------------------|-------------|---------------------------------|-------------------------|--------------------|
| MER00110 | 1          | Standard Model          | N/A           | 10                    | 200           | <1mΩ               | 3600        | 140(60)/-20(-29)                | 35                      | N/A                |
| MER00112 | 1          | Stainless Steel Bearing | N/A           | 10                    | 200           | <1mΩ               | 3600        | 140(60)/-20(-29)                | 35                      | N/A                |
| MER00113 | 1          | Low Torque              | N/A           | 10                    | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 10                      | N/A                |

#### ACCESSORIES



**MER90002** one-contact receptacle



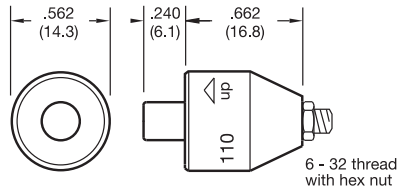
**MER90003** one-contact receptacle w/ 6" wire



**MER90004** ring terminal (12-10 AWG)

**MER90001** one-contact cap w/solder lug

Receptacle used for mounting to rotating device.  
Accessories required for wire connections. Order separately.



Inch (mm)



#### 1 Conductor, 10 Amp

#### Model 110-T

| Part No. | Conductors | Description             | VOLTAGE AC/DC | AMP RATING AT 240 VAC | MAX FREQ. MHz | CONTACT RESISTANCE | MAX OP. RPM | TEMPERATURE Max.F(C) / Min.F(C) | ROTATION Torque (gm-cm) | CIRCUIT SEPARATION |
|----------|------------|-------------------------|---------------|-----------------------|---------------|--------------------|-------------|---------------------------------|-------------------------|--------------------|
| MER00111 | 1          | Standard Model          | N/A           | 10                    | 200           | <1mΩ               | 3600        | 140(60)/-20(-29)                | 35                      | N/A                |
| MER00115 | 1          | Stainless Steel Bearing | N/A           | 10                    | 200           | <1mΩ               | 3600        | 140(60)/-20(-29)                | 35                      | N/A                |
| MER00114 | 1          | Low Torque              | N/A           | 10                    | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 10                      | N/A                |

#### ACCESSORIES



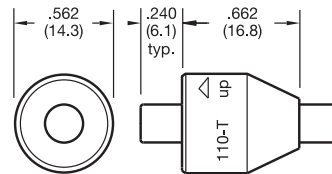
**MER90002** one-contact receptacle



**MER90003** one-contact receptacle w/ 6" wire

**MER90001** one-contact cap w/ solder lug

Receptacle used for mounting to rotating device.  
Accessories required for wire connections. Order separately.



Inch (mm)



#### 1 Conductor, 250 Amp

#### Model 1250

| Part No. | Conductors | Description                                 | VOLTAGE AC/DC | AMP RATING AT 240 VAC | MAX FREQ. MHz | CONTACT RESISTANCE | MAX OP. RPM | TEMPERATURE Max.F(C) / Min.F(C) | ROTATION Torque (gm-cm) | CIRCUIT SEPARATION |
|----------|------------|---|---------------|-----------------------|---------------|--------------------|-------------|---------------------------------|-------------------------|--------------------|
| MER01250 | 1          | Standard Model                              | N/A           | 250                   | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 250                     | N/A                |
| MER01251 | 1          | Stainless Steel Bearing                     | N/A           | 250                   | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 250                     | N/A                |
| MER01252 | 1          | Metric Thread (10x1.5)                      | N/A           | 250                   | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 250                     | N/A                |
| MER01253 | 1          | Metric Thread & Stainless Steel Bearing     | N/A           | 250                   | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 250                     | N/A                |
| MER01254 | 1          | Stainless Steel Body & Bearing              | N/A           | 250                   | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 250                     | N/A                |
| MER01255 | 1          | Metric Thd., Stainless Steel Body & Bearing | N/A           | 250                   | 200           | <1mΩ               | 1200        | 140(60)/-20(-29)                | 250                     | N/A                |

#### ACCESSORIES



**MER90106**  
Boot Kit  
For dust and splash protection  
IP51

Inch (mm)

