

CHARACTERISTICS

MATERIALS

- SHELL : BRASS
- SHELL PLATING : NICKEL
- NUT : BRASS
- NUT PLATING : NICKEL
- LATCH SLEEVE : BRASS
- LATCH SLEEVE PLATING : NICKEL
- CONTACTS : COPPER ALLOY
- CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.
- INSULATOR : PPS (HIGH TEMPERATURE)

MECHANICAL

- DURABILITY: 5000 CYCLES
- OPERATING TEMP. RANGE: -40° C ~ +200° C
- PROCESS TEMPERATURE : 260°C FOR 5 SECONDS
- MAX. TORQUE VALUE : 6.0 Nm [53 IN/lbs]
- SHIELDING: 75dB @ 10MHz
- 40dB @ 1GHz

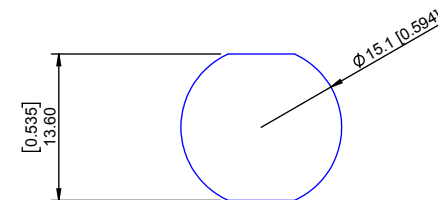
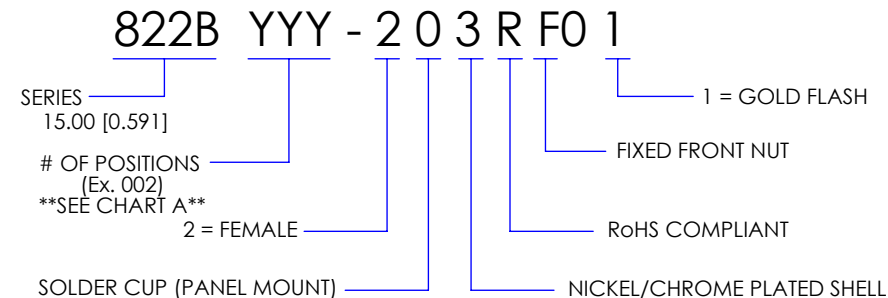
IP RATING: 50

CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

| | | | | | |
|---|--|--|--|--|--|
| 2 POSITION 16 AWG MAX. 25 AMP MAX. PIN Ø = 2.00 [0.079] CONTACT RESISTANCE = 3 mΩ TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V | 3 POSITION 18 AWG MAX. 17 AMP MAX. PIN Ø = 1.60 [0.063] | 4 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051] | 6 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051] | 8 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035] | 10 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035] |
| 12 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028] | 14 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028] | 16 POSITION 24 AWG MAX. 6 AMP MAX. PIN Ø = 0.70 [0.028] | 19 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028] | 26 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020] | 26 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020] |



PANEL CUTOUT

TOLERANCE = +0.10, -0.0
[+0.004, -0.00]

RoHS COMPLIANT



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| DRAWN: B. BRIDGES | DATE: 12/05/2017 | SCALE: N.T.S. | SHEET 1 OF 1 | REV: 2 |
| | | | DWG NO. 822BYYY-203RF01 | |