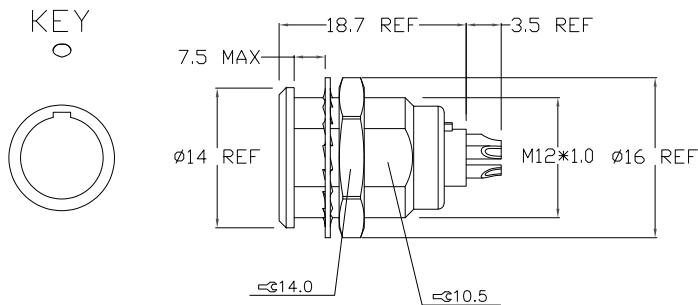
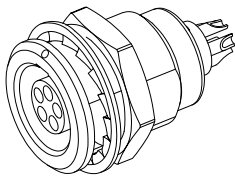


DESCRIPTION: 1B // QUIK-LOQ // F // FRONT PANEL MOUNT // SOLDER CUP



821BYYY-203RF01

SERIES \_\_\_\_\_  
POSITIONS \_\_\_\_\_  
YYY = SEE POSITION CHART  
GENDER \_\_\_\_\_  
2 = FEMALE  
TYPE \_\_\_\_\_  
0 = SOLDER CUP  
SHELL PLATING \_\_\_\_\_  
3 = NICKEL/CHROME  
TYPE \_\_\_\_\_  
F = FIXED FRONT NUT PANEL MOUNT  
CONTACT PLATING \_\_\_\_\_  
1 = GOLD PLATED

## SPECIFICATIONS:

### MATERIALS:

HOUSING: NICKEL PLATED BRASS.  
SHELL & COLLET NUT: CHROME PLATED BRASS  
CONTACTS: GOLD PLATED BRASS  
INSULATOR: PPS (HIGH TEMPERATURE)

### MECHANICAL:

MATING CYCLES: 5000 CYCLES  
OPERATING TEMPERATURE: -40°C TO +200°C  
PROCESS TEMPERATURE: 260°C FOR 5 SECONDS  
SHIELDING: 75dB @ 10MHz // 40dB @ 1GHz  
IP RATING: 50  
MAX TORQUE VALUE: 4.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS

\*solder side view of insulator

| POSITIONS | CONTACTS* | CONTACT Ø | MAX CONTACT mΩ | WORKING VOLTAGE | MAX AMPERAGE | MAX WIRE AWG |
|-----------|-----------|-----------|----------------|-----------------|--------------|--------------|
| 002       |           | 1.30mm    | 5.0 mΩ         | 500 V           | 15.0 A       | 20           |
| 003       |           | 1.30mm    | 5.0 mΩ         | 430 V           | 12.0 A       | 20           |
| 004       |           | 0.90mm    | 6.0 mΩ         | 430 V           | 10.0 A       | 22           |
| 005       |           | 0.90mm    | 6.0 mΩ         | 415 V           | 9.0 A        | 22           |
| 006       |           | 0.70mm    | 7.5 mΩ         | 350 V           | 7.0 A        | 24           |
| 007       |           | 0.70mm    | 7.5 mΩ         | 315 V           | 7.0 A        | 24           |
| 008       |           | 0.70mm    | 7.5 mΩ         | 315 V           | 5.0 A        | 28           |
| 010       |           | 0.50mm    | 10.0 mΩ        | 300 V           | 2.5 A        | 28           |
| 014       |           | 0.50mm    | 10.0 mΩ        | 260 V           | 2.0 A        | 28           |
| 016       |           | 0.50mm    | 10.0 mΩ        | 260 V           | 1.5 A        | 28           |

RoHS COMPLIANT



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DRAWN:  
M. SIGMON

DATE:  
02/03/2016

UNITS = mm

DO NOT SCALE FROM DRAWING

NorComp

SCALE:  
NTS

SHEET OF  
1 1

REV  
3

DWG NO.

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