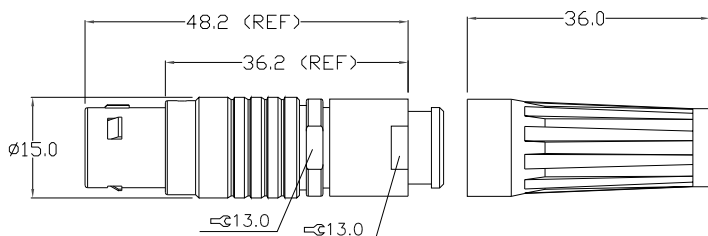
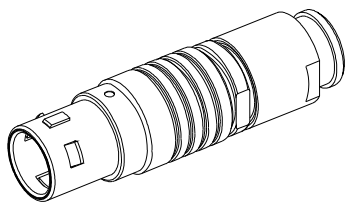


DESCRIPTION: 2B // QUIK-LOQ // M // CABLE MOUNT // SOLDER CUP



822BYYY-173LYY1

SERIES \_\_\_\_\_  
POSITIONS \_\_\_\_\_  
YYY = SEE POSITION CHART  
GENDER \_\_\_\_\_  
1 = MALE  
TYPE \_\_\_\_\_  
7 = CABLE MOUNT  
KEY ORIENTATION (SEE KEY ORIENTATION CHART) \_\_\_\_\_  
3 = 1 KEY // 0°  
A = 2 KEYS // 30°  
COLLET SIZE \_\_\_\_\_  
YY = SEE COLLET SIZE CHART  
CONTACT PLATING \_\_\_\_\_  
1 = 7μ" GOLD PLATED

| KEY ORIENTATION CHART |         |
|-----------------------|---------|
| KEY ORIENTATION       | DIAGRAM |
| 3                     |         |
| A                     |         |

| COLLET SIZE CHART |                 |
|-------------------|-----------------|
| COLLET SIZE:      | CABLE DIAMETER: |
| 50                | 4.30 ~ 5.20     |
| 60                | 5.30 ~ 6.20     |
| 70                | 6.30 ~ 7.20     |
| 80                | 7.30 ~ 8.20     |
| 90                | 8.30 ~ 9.20     |
| 00                | 9.30 ~ 10.20    |

## SPECIFICATIONS:

### MATERIALS:

|                       |                                              |
|-----------------------|----------------------------------------------|
| SHELL & COLLET NUT:   | BRASS, 196u" CHROME PLATED MIN.              |
| CONTACTS:             | 7u" GOLD PLATED BRASS OVER 196u" NICKEL MIN. |
| INSULATOR:            | PPS (HIGH TEMPERATURE)                       |
| STRAIN RELIEF (BOOT): | THERMOPLASTIC POLYURETHANE                   |

### 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:      | 2.5 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       |           | 2.00mm    | 3.0 mΩ         | 700 V           | 12.0 A       | 16           |
| 003       |           | 1.60mm    | 4.0 mΩ         | 800 V           | 12.0 A       | 18           |
| 004       |           | 1.30mm    | 5.0 mΩ         | 610 V           | 12.0 A       | 20           |
| 006       |           | 1.30mm    | 5.0 mΩ         | 450 V           | 12.0 A       | 20           |
| 008       |           | 0.90mm    | 6.0 mΩ         | 500 V           | 6.0 A        | 22           |
| 010       |           | 0.90mm    | 6.0 mΩ         | 500 V           | 6.0 A        | 22           |
| 012       |           | 0.70mm    | 7.5 mΩ         | 480 V           | 6.0 A        | 24           |
| 014       |           | 0.70mm    | 7.5 mΩ         | 380 V           | 6.0 A        | 24           |
| 016       |           | 0.70mm    | 7.5 mΩ         | 315 V           | 6.0 A        | 24           |
| 019       |           | 0.70mm    | 7.5 mΩ         | 315 V           | 5.0 A        | 24           |
| 026       |           | 0.50mm    | 10.0 mΩ        | 315 V           | 2.0 A        | 28           |

UNITS = mm

DO NOT SCALE FROM DRAWING



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DRAWN:  
M. SIGMON

DATE:  
02/03/2016

NorComp

SCALE:  
NTS

SHEET 1 OF 1

REV 9

DWG NO.

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