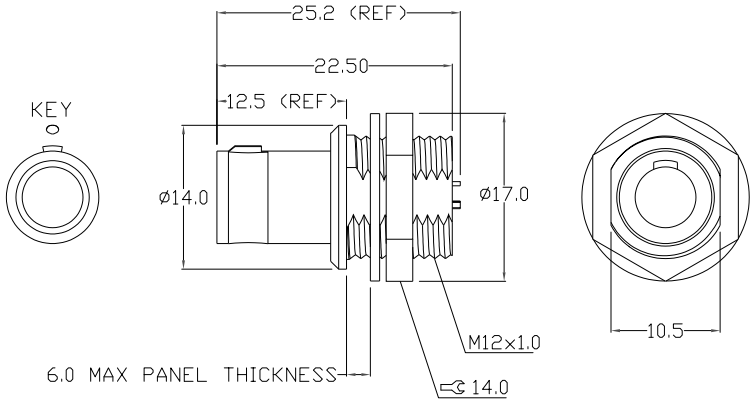
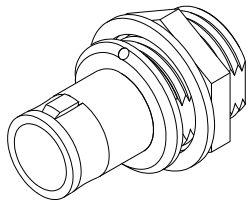


DESCRIPTION: 1B // QUIK-LOQ // M // PANEL MOUNT // SOLDER CUP // NON-LATCH\*



**821BYYY-103R001**

SERIES \_\_\_\_\_  
 POSITIONS \_\_\_\_\_  
 YYY = SEE POSITION CHART  
 GENDER \_\_\_\_\_  
 1 = MALE  
 TYPE \_\_\_\_\_  
 0 = SOLDER CUP PANEL MOUNT (NON-LATCH)  
 KEY ORIENTATION \_\_\_\_\_  
 3 = 1 KEY // 0°  
 CONTACT PLATING \_\_\_\_\_  
 1 = 7µ" GOLD PLATED

**SPECIFICATIONS:**

**MATERIALS:**  
 SHELL: NICKEL/CHROME PLATED BRASS  
 CONTACTS: 7µ" GOLD PLATED BRASS  
 NUT: NICKEL/CHROME 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: 4.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS						
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	24
010		0.50mm	10.0 mΩ	300 V	2.5 A	28
014		0.50mm	10.0 mΩ	260 V	2.0 A	28

\*WILL NOT LATCH WITH NORCOMP 821B SERIES FEMALE CABLE MOUNT CONNECTORS DUE TO NO LATCH MECHANISM WITHIN CONNECTOR.

RoHS COMPLIANT



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DRAWN: M. SIGMON  
 DATE: 02/05/2016

UNITS = mm

DO NOT SCALE FROM DRAWING



SCALE: NTS  
 SHEET 1 OF 1  
 REV 5  
 DWG NO. 821BYYY-103R001