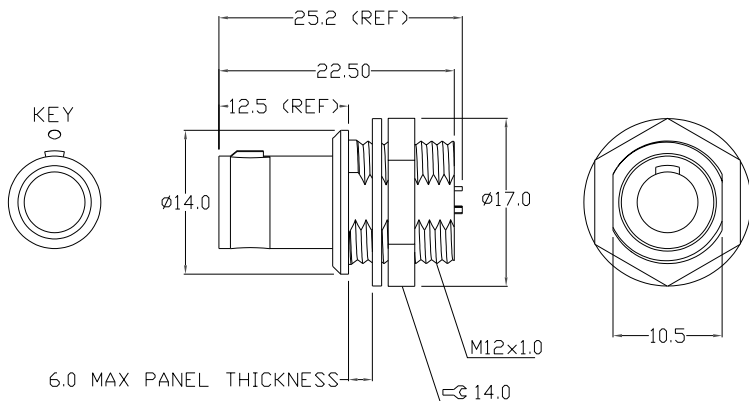
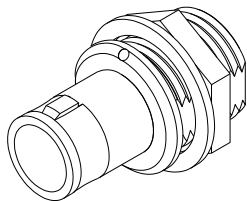


DESCRIPTION: 1B // QUIK-LOQ // M // PANEL MOUNT // SOLDER CUP // NON-LATCH*



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 = GOLD PLATED

SPECIFICATIONS:

MATERIALS:

SHELL: NICKEL/CHROME PLATED BRASS
CONTACTS: 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

*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	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.

UNITS = mm

DO NOT SCALE FROM DRAWING



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DRAWN:
M. SIGMON

DATE:
02/05/2016

NorComp

SCALE:
NTS

SHEET 1 OF 1

REV
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DWG NO.

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