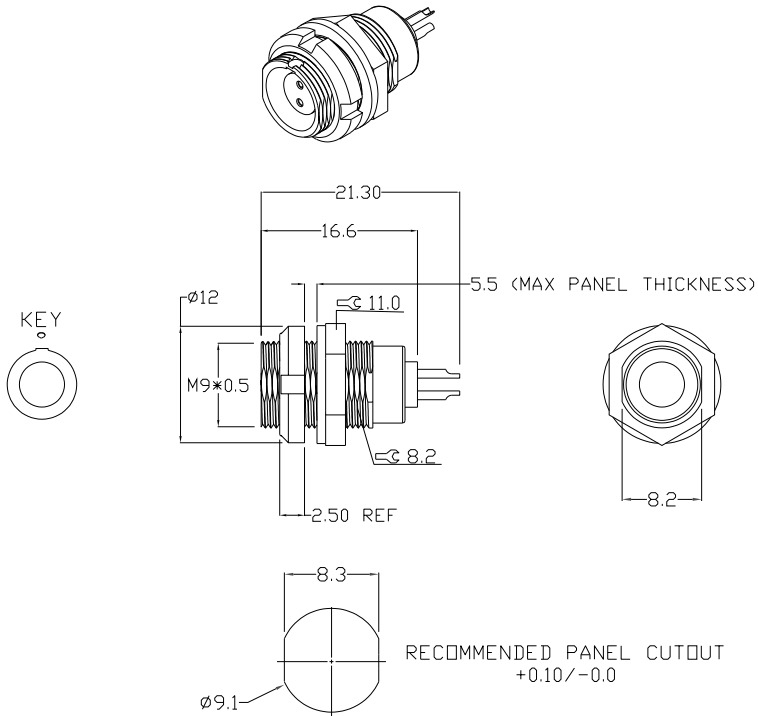




820BYYY-203R001

SERIES
POSITIONS
YYY = SEE POSITION CHART
GENDER
2 = FEMALE
TYPE
0 = SOLDER CUP PANEL MOUNT
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: 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		0.90mm	6.0 mΩ	330 V	10.0 A	22
003		0.90mm	6.0 mΩ	400 V	8.0 A	22
004		0.70mm	7.5 mΩ	280 V	7.0 A	24
005		0.70mm	7.5 mΩ	280 V	6.5 A	24
006		0.50mm	10.0 mΩ	280 V	2.5 A	28
007		0.50mm	10.0 mΩ	260 V	2.5 A	28
009		0.50mm	10.0 mΩ	200 V	2.0 A	28

RoHS COMPLIANT



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DRAWN:
M. SIGMON

DATE:
02/05/2016

UNITS = mm

DO NOT SCALE FROM DRAWING

NorComp

SCALE:
NTS

SHEET OF
1 1

REV
7

DWG NO.

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