



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 = 7μ" GOLD PLATED

SPECIFICATIONS:

MATERIALS:

SHELL: NICKEL/CHROME PLATED BRASS  
CONTACTS: 7u" 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  
6

DWG NO.

820BYYY-203R001

# Mouser Electronics

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