



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

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SCALE: NTS
 SHEET 1 OF 1
 REV 5
 DWG NO. 820BYYY-203R001