



**822BYYY-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

MATERIALS:  
SHELL: CHROME PLATED BRASS  
CONTACTS: 7μ" GOLD PLATED BRASS  
NUT: CHROME PLATED BRASS  
INSULATOR: PPS

MECHANICAL:  
MATING CYCLES: 5000 CYCLES  
OPERATING TEMP: -40°C TO 200°C  
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		2.00mm	3.0 mΩ	700 V	25.0 A	16
003		1.60mm	4.0 mΩ	800 V	17.0 A	18
004		1.30mm	5.0 mΩ	615 V	15.0 A	20
006		1.30mm	5.0 mΩ	450 V	12.0 A	20
008		0.90mm	6.0 mΩ	500 V	10.0 A	22
010		0.90mm	6.0 mΩ	500 V	8.0 A	22
012		0.70mm	7.5 mΩ	480 V	7.0 A	24
014		0.70mm	7.5 mΩ	380 V	6.5 A	24
016		0.70mm	7.5 mΩ	315 V	6.0 A	24
019		0.70mm	7.5 mΩ	315 V	5.0 A	24
026		0.50mm	10.0 mΩ	315 V	2.0 A	28

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING



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SCALE: NTS  
SHEET 1 OF 1  
REV 4  
DWG NO. 822BYYY-103R001