

820BRYY-213R0M1

- SERIES _____
POSITIONS _____
YY = SEE POSITION CHART
GENDER _____
2 = FEMALE
TYPE _____
1 = PCB RIGHT ANGLE PANEL MOUNT
SHELL PLATING _____
3 = NICKEL/CHROME
SHELL TYPE _____
0M = METAL
CONTACT PLATING _____
1 = 7μ" GOLD PLATED

SPECIFICATIONS:

MATERIALS:

- HOUSING: BRASS
HOUSING PLATING: 196u" NICKEL MIN.
SHELL & COLLET NUT: BRASS, 196u" CHROME PLATED MIN.
CONTACTS: 7u" GOLD PLATED BRASS OVER 196u" NICKEL MIN.
INSULATOR: PPS (HIGH TEMPERATURE)

MECHANICAL:

- MATING CYCLES: 5000 CYCLES
OPERATING TEMPERATURE: -40°C TO +200°C
PROCESS TEMPERATURE: 260°C FOR 5 SEC
SHIELDING: 75dB @ 10MHz // 40dB @ 1GHz
IP RATING: 50
MAX ASSEMBLY TORQUE VALUE: 2.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS					
*solder side view of insulator					
POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE
02		0.90mm	6.0 mΩ	330 V	4.5 A
03		0.90mm	6.0 mΩ	400 V	4.5 A
04		0.70mm	7.5 mΩ	280 V	4.5 A
05		0.70mm	7.5 mΩ	280 V	4.5 A
06		0.50mm	10.0 mΩ	280 V	2.5 A
07		0.50mm	10.0 mΩ	260 V	2.0 A
09		0.50mm	10.0 mΩ	200 V	1.5 A

RoHS COMPLIANT



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DRAWN:
J. KADEL

DATE:
01/30/2026

UNITS = mm

DO NOT SCALE FROM DRAWING

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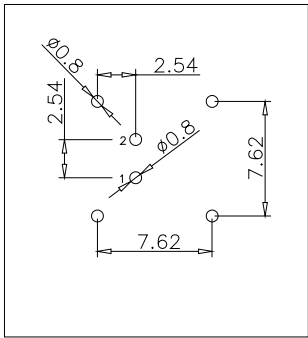
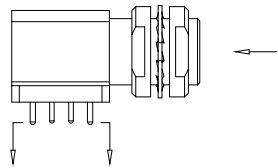
SCALE:
NTS

SHEET OF
1 2

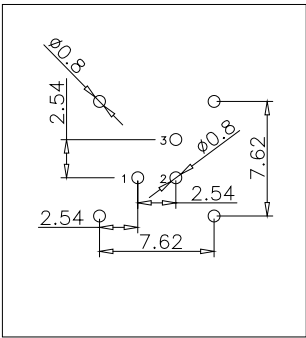
REV
0

DWG NO. 820BRYY-213R0M1

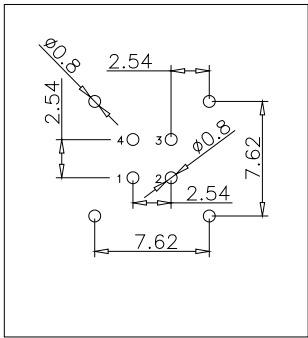
RECOMMENDED PCB LAYOUT (TOP DOWN VIEW)



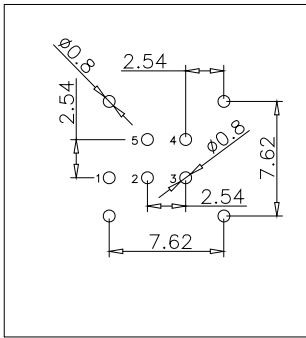
2 POSITION



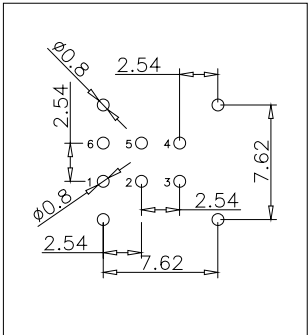
3 POSITION



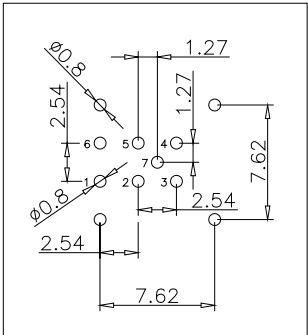
4 POSITION



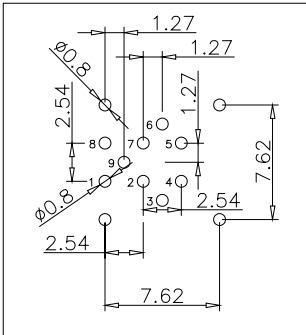
5 POSITION



6 POSITION



7 POSITION



9 POSITION

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SHEET 2 OF 2

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