

820BRYY-213R001

SERIES _____
POSITIONS _____
YY = SEE POSITION CHART
GENDER _____
2 = FEMALE
TYPE _____
1 = PCB RIGHT ANGLE PANEL MOUNT
SHELL PLATING _____
3 = NICKEL/CHROME
SHELL TYPE _____
00 = ABS OVERMOLDED METAL
CONTACT PLATING _____
1 = GOLD PLATED

SPECIFICATIONS:

MATERIALS:

HOUSING: BRASS
HOUSING PLATING: NICKEL
HOUSING OVERMOLD: ABS (80°C)
SHELL & COLLET NUT: BRASS, CHROME PLATED
CONTACTS: GOLD PLATED BRASS OVER NICKEL
INSULATOR: PPS (HIGH TEMPERATURE)

MECHANICAL:

MATING CYCLES: 5000 CYCLES
OPERATING TEMPERATURE: -40°C TO +200°C**
PROCESS TEMPERATURE: 230°C FOR 5 SEC**
SHIELDING: 75dB @ 10MHz // 40dB @ 1GHz
IP RATING: 50
MAX ASSEMBLY TORQUE VALUE: 2.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS

*mating 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



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:
M. SIGMON

DATE:
02/12/2016

UNITS = mm

DO NOT SCALE FROM DRAWING

NorComp

SCALE:
NTS

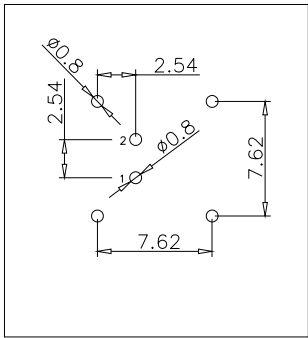
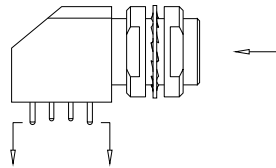
SHEET OF
1 2

REV
5

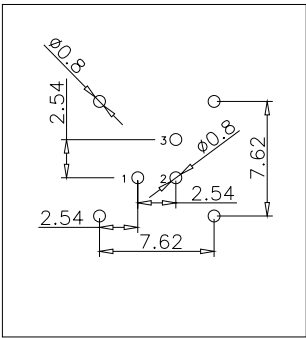
DWG NO.

820BRYY-213R001

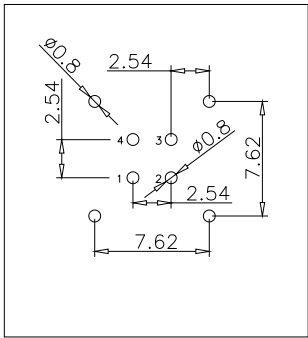
RECOMMENDED PCB LAYOUT (TOP DOWN VIEW)



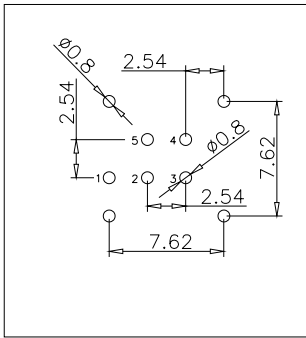
2 POSITION



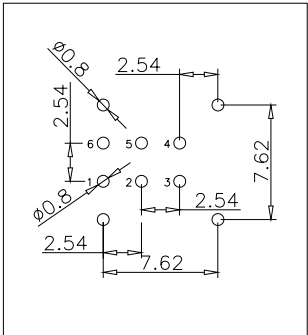
3 POSITION



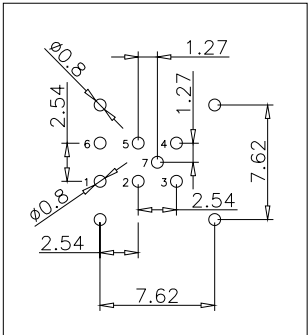
4 POSITION



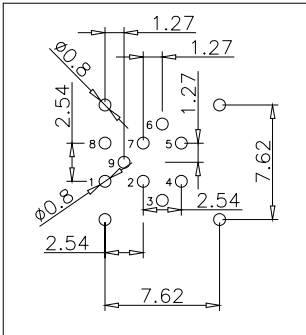
5 POSITION



6 POSITION



7 POSITION



9 POSITION

RoHS COMPLIANT



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:
M. SIGMON

DATE:
02/12/2016

UNITS = mm

DO NOT SCALE FROM DRAWING

NorComp

SCALE:
NTS

SHEET 2 OF 2

REV 5

DWG NO.

820BRY-213R001