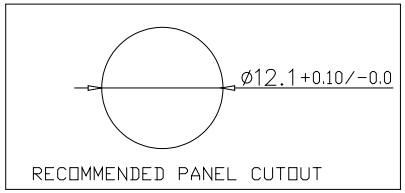
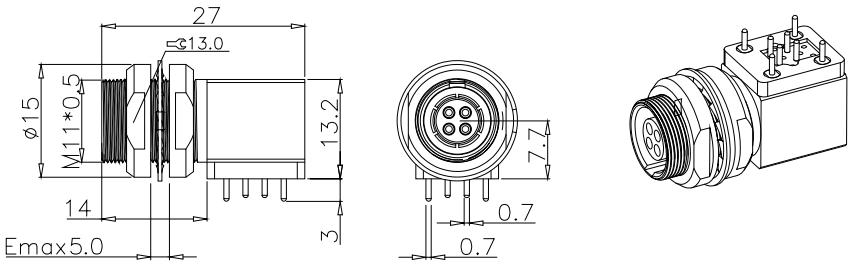
DESCRIPTION: 1B // QUIK-LOQ // F // RA PCB PANEL // METAL





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:	4.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS
*solder side view of insulator

POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE
02		1.30mm	5.0 mΩ	500 V	4.5 A
03		1.30mm	5.0 mΩ	430 V	4.5 A
04		0.90mm	6.0 mΩ	430 V	4.5 A
05		0.90mm	6.0 mΩ	415 V	4.5 A
06		0.70mm	7.5 mΩ	350 V	4.5 A
07		0.70mm	7.5 mΩ	315 V	2.0 A
08		0.70mm	7.5 mΩ	315 V	2.0 A
10		0.50mm	10.0 mΩ	300 V	1.5 A
14		0.50mm	10.0 mΩ	260 V	1.0 A

821BRYY-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

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING

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: J. KADEL

DATE: 01/30/2026

NorComp

SCALE: NTS

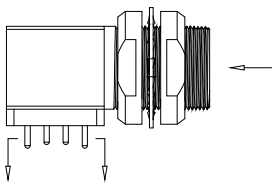
SHEET 1 OF 2

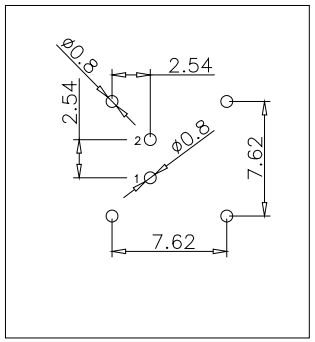
REV 0

DWG NO. 821BRYY-213R0M1

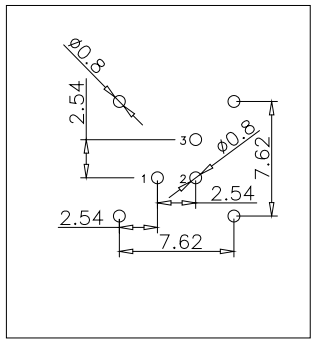
DESCRIPTION: 1B // QUIK-LOQ // F // RA PCB PANEL // METAL

RECOMMENDED PCB LAYOUT (TOP DOWN VIEW)

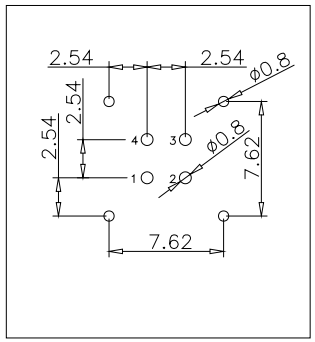




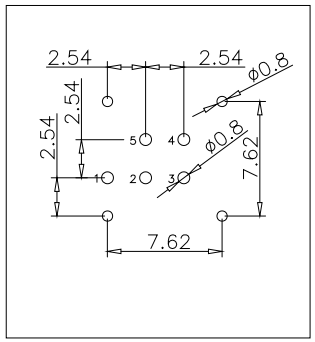
2 POSITION



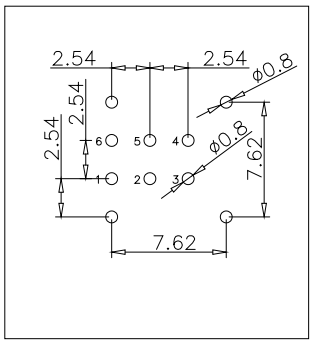
3 POSITION



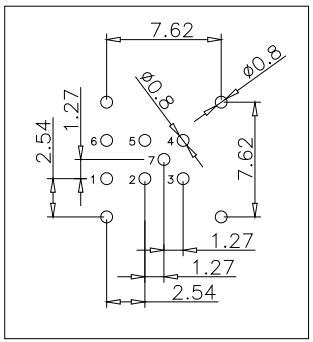
4 POSITION



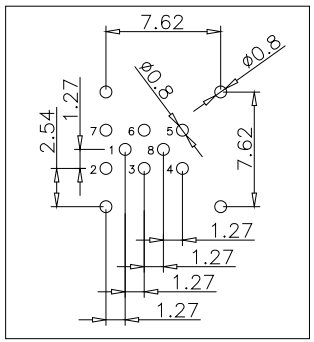
5 POSITION



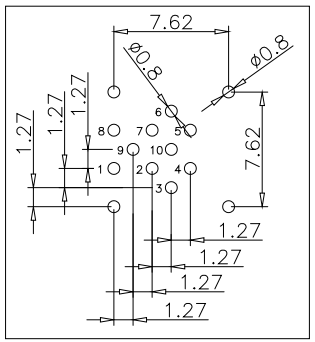
6 POSITION



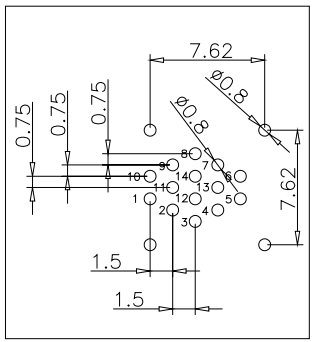
7 POSITION



8 POSITION



10 POSITION



14 POSITION

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING

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: J. KADEL

DATE: 01/30/2026

NorComp

SCALE: NTS

SHEET 2 OF 2

REV 0

DWG NO. 821BRYY-213R0M1