

NOTES:

1. MATERIALS AND FINISHES:

- ① BODY - COPPER ALLOY, GOLD PL. 3u" MIN. THICK OVER NICKEL PL. 80u" MIN. THICK
② CONTACT A - COPPER ALLOY, GOLD FLASH PLATING OVER 80u" MIN. NICKEL IN SOLDER AREA
15u" MIN. GOLD PLATING OVER 80u" MIN. NICKEL IN CONTACT AREA
③ CONTACT C - COPPER ALLOY, GOLD FLASH PLATING OVER 80u" MIN. NICKEL IN SOLDER AREA
15u" MIN. GOLD PLATING OVER 80u" MIN. NICKEL IN CONTACT AREA
④ INSULATOR - LCP, BLACK, UL 94V-0

2. ELECTRICAL:

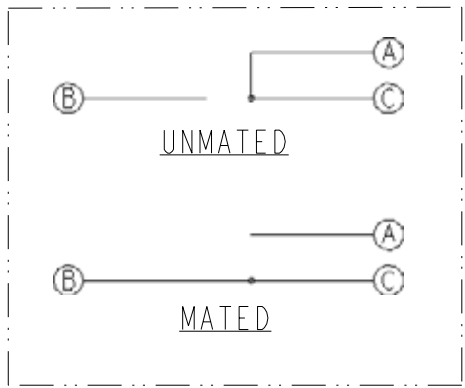
- A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 2.5 GHz
C. VSWR: UNMATED: 1.2 FROM DC TO 2.5 GHz
1.3 FROM 2 GHz TO 2.5 GHz
MATED: 1.25 FROM DC TO 2 GHz
1.35 FROM 2 GHz TO 2.5 GHz
D. INSERTION LOSS: UNMATED: 0.15 dB MAX FROM DC TO 2 GHz
0.20 dB MAX FROM 2 GHz TO 2.5 GHz
MATED: 0.20 dB MAX FROM DC GHz TO 2 GHz
0.30 dB MAX FROM 2 GHz TO 2.5 GHz
E. ISOLATION: 25 dB MIN FROM DC TO 2 GHz
20 dB MIN FROM 2 GHz TO 2.5 GHz
F. VOLTAGE RATING: 100 VAC
G. CURRENT RATING: 1 A
H. POWER RATING: 4 W
J. CONTACT RESISTANCE: CENTER CONTACT: 75 mΩ MAX
OUTER CONTACT: 50 mΩ MAX
K. DIELECTRIC WITHSTANDING VOLTAGE: 100 VRMS

3. MECHANICAL:

- A. DURABILITY: 1200 CYCLES MIN.
B. TEMPERATURE RANGE: -30°C TO +85°C
C. MECHANICAL SHOCK: PER MIL-STD-202F METHOD 213B, COND B
D. VIBRATION: PER MIL-STD-202F METHOD 204D, COND A
E. HUMIDITY: PER MIL-STD-202F METHOD 103B, COND B
F. SUITABLE FOR LEAD FREE REFLOW, 260°C PEAK TEMPERATURE

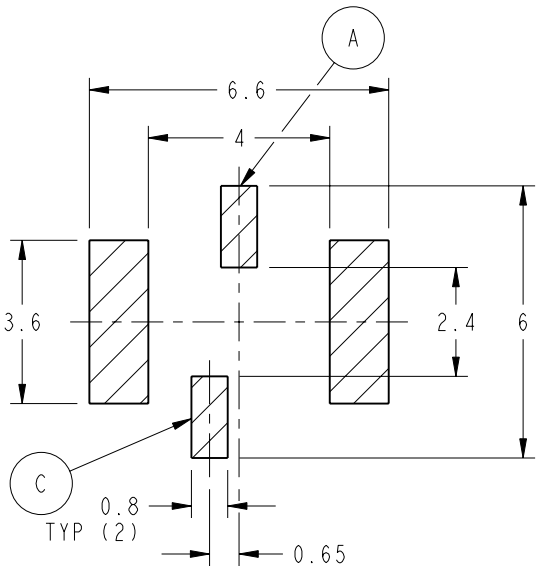
4. PACKAGING:

- A. QUANTITY: TAPE AND REEL, 1200 PCS/REEL
B. MARKING: REEL TO BE MARKED
"AMPHENOL, 902-9224, AND DATE CODE"

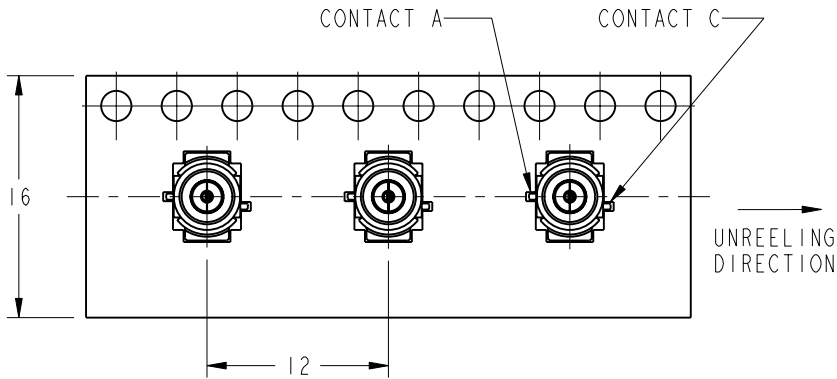
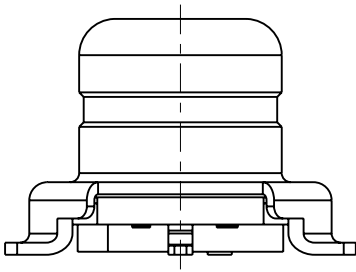
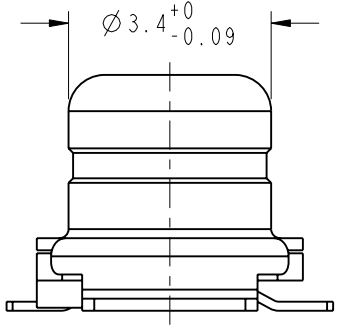
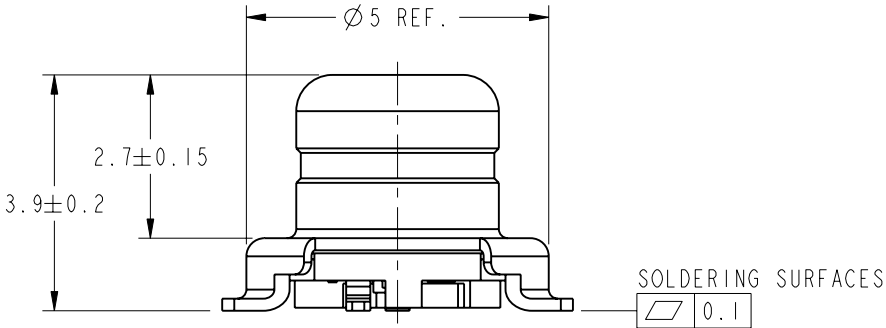
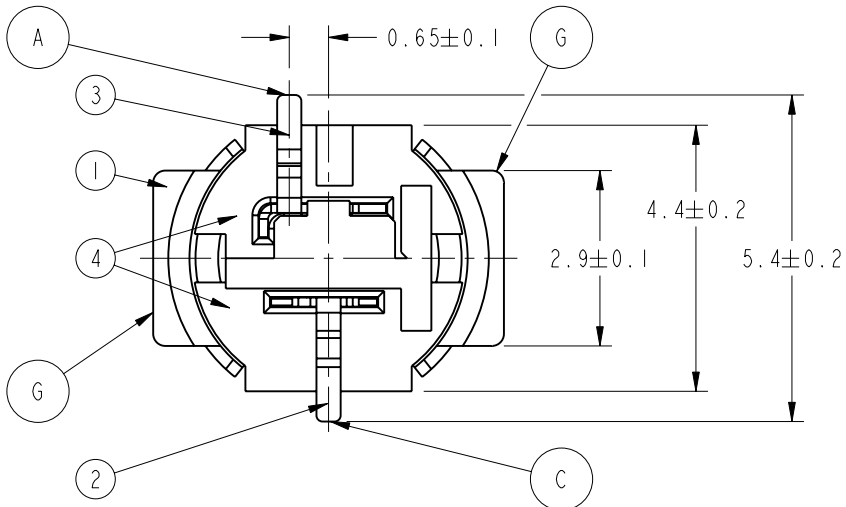


CIRCUIT DIAGRAM

A = "A" TERMINAL
B = MATING PLUG
C = "C" TERMINAL
G = GROUND



RECOMMENDED
PCB LAYOUT



TAPE AND REEL DETAIL

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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MATERIAL	DRAWN TOM	DATE 22-Mar-17	TITLE AMS AMPHENOL MICRO SWITCH WITH DETENT		Amphenol RF www.amphenolrf.com
REFERENCE EAR # AND	ENGINEER T. SMITH	DATE 12-Dec-13			
CONFIGURATION LEVEL:	APPROVED S.H	DATE 22-Mar-17	SCALE: 8.0:1.0 SHEET 2 OF 2		DRAWING NO. 902-9224
FINISH	CAD FILE		DWG SIZE B	REV B	ITEM NO. 902-9224
					PART NO. 902-9224

Mouser Electronics

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