

NOTES:

1. MATERIALS AND FINISHES:

BODY - BRASS, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL

CONTACT - BRASS, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL

INSULATOR - LCP

CAP - PTFE

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

B. FREQUENCY RANGE: DC - 18 GHz

C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC-6GHz

1.15 (23.1 dB), MAX. 6-10GHz

1.30 (17.7 dB), MAX. 10-18GHz

D. DIELECTRIC WITHSTANDING VOLTAGE: 335 VRMS, MIN.

3. PHYSICAL:

A. DURABILITY: 500 CYCLES MIN.

B. ENGAGEMENT FORCE: 10 LB [44.5 N] MAX

C. DISENGAGEMENT FORCE: 2 LB [8.9 N] MIN

D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN

E. TEMPERATURE RANGE: -65° C TO 165° C

4. PACKAGING:

A. PACKAGE CONNECTOR IN TAPE AND REEL.

B. MARK TAG:

AMPHENOL RF P/N: SMP-MSLD-PCS-5T

DATE CODE: WYYY

QTY: 1400 PCS

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	24-Mar-14	49925	JTS

5.21
[.205]

1.24
[.049]

5.21
[.205]

1.24
[.049]

1.7
[.067]

0.79
[.031]

RECOMMENDED PCB FOOTPRINT
SCALE 8.000

Ø 4.19
[.165]

INTERFACE PER MIL-STD-348 SERIES SMP

2.8±0.03
[.110±.002]

4.09±0.05
[.161±.002]

1.27±0.12
[.050±.005]

1.05
[.041]

0.38
[.015]

5 [.197]
SQUARE

4±0.1
[.157±.004]
TYP ALL

2±0.1
[.079±.004]
TYP ALL

Ø 1.5^{+0.1}_{-0.0}
[.059^{+.004}_{-.000}]
TYP ALL

1.7
[.067]

0.4±0.05
[.016±.002]

16±0.03
[.630±.002]

5.6±0.05
[.220±.002]

SCALE 2.000

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°	MATERIAL -	DRAWN J. CHEN	DATE 24-Mar-14	TITLE SMP JACK LIMITED DETENT SURFACE MOUNT TAPE AND REEL		Amphenol RF www.amphenolrf.com	
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				DWG SIZE B		REV A	
						ITEM NO. SMP-MSLD-PCS-5T	
						PART NO. SMP-MSLD-PCS-5T	
FINISH							