NOTE:

REFERENCE STANDARD | IEC60169-11

I. ELECTRICAL PERFORMANCE -

 $: 50 \pm 2 \Omega$ NOMINAL IMPEDANCE FREQUENCY RANGE : DC-3.0 GHz

: I.08 MAX.

INSERTION LOSS : 0.05 dB MAX. (@ 3.0 GHz) -165 dBc MAX. (2x43dBm) PIM

INSULATION RESISTANCE 5000 M $\Omega$  MIN.

2500 VRMS D.W.V

: OUTER CONDUCTOR 0.5 m  $\Omega$  MAX. INNER CONDUCTOR 1.0 m  $\Omega$  MAX. CONDUCTOR RESISTANCE

II. MECHANICAL PERFORMANCE

: 4 N MIN. INNER CONDUCTOR TORQUE : 0.2 N-m MATING CYCLES : 500 MIN.

III.MATERIAL AND PLATING -

INNER CONDUCTOR : SPRING COPPER ALLOY, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)

INSULATOR : PTFE

IV. ENVIRONMENTAL -

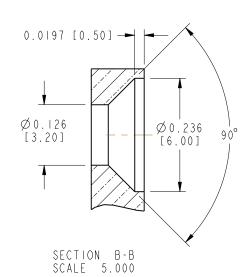
: -40°C TO +85°C TEMP. RANGE

: IEC 60068 40/ 85/ 21 WEATHER STANDARD

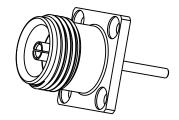
: MIL-STD 202, METHOD 107, CONDITION B : MIL-STD 202, METHOD 204, CONDITION B : MIL-STD 202, METHOD 213, CONDITION I THERMAL SHOCK VIBRATION SHOCK

WATERPROOFING STANDARD : IP 67

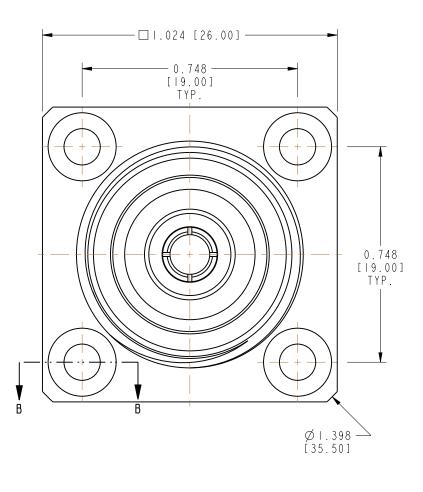
V. ROHS COMPLIANT

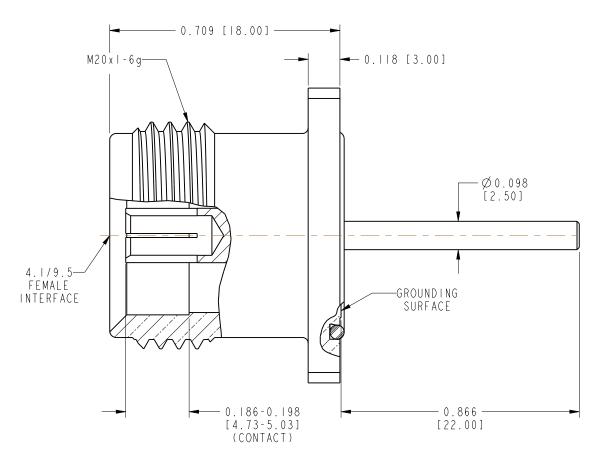






SCALE 1.000





## **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 4.015 (0,381 mm) ±.005 (0,127 mm) ± 1°  0.55 NOTEO	DRAWN A ARUN PRABU	DATE 12-Sep-13	4.1/9.5 FEMALE PANEL	Amphenol Connex	
NOTICE - These drawings, specifications, or other data (I) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are	ENGINEER A ARUN PRABU	DATE 12-Sep-13			
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	CAD FILE	'	DWG SIZE DRAWING N	vo. 332101	REV A

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