NOTES:

REFERENCE STANDARD IEC60169-11

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE : 50±2 Ω FREQUENCY RANGE : DC-3.0 GHz VSWR : I.150 MAX.

: 0.05 dB MAX. (@3.0 GHz) : -160 dBc MAX. (2X43dBm) : 5000 MΩ MIN. INSERTION LOSS

INSULATION RESISTANCE

2500 VRMS D.W.V

: OUTER CONDUCTOR I.O m Ω MAX. INNER CONDUCTOR 0.5 m Ω MAX. CONDUCTOR RESISTANCE

II. MECHANICAL PERFORMANCE -

RETENTION : 4.00 N MIN. MATING CYCLES : 500 MIN. TENSILE FORCE (CABLE -CONNECTOR) : 500 N : 4 N-M TORSION (CABLE - CONNECTOR)

III. MATERIAL AND PLATING -

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

GASKET : SILICONE RUBBER

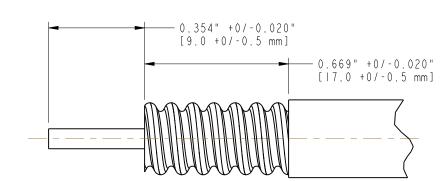
INSULATOR

IV. ENVIRONMENTAL -

TEMP. RANGE : -40°C TO +85°C WEATHER STANDARD : IEC 60068 40/ 85/ 21 THERMAL SHOCK : IEC 60068-2-14-NA : IEC 60068-2-6-FC VIBRATION : IEC 60068-2-27 SHOCK WATER PROOFING STANDARD : IP 67

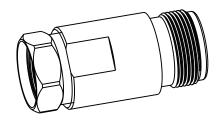
V. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

VI. ROHS COMPLIANT

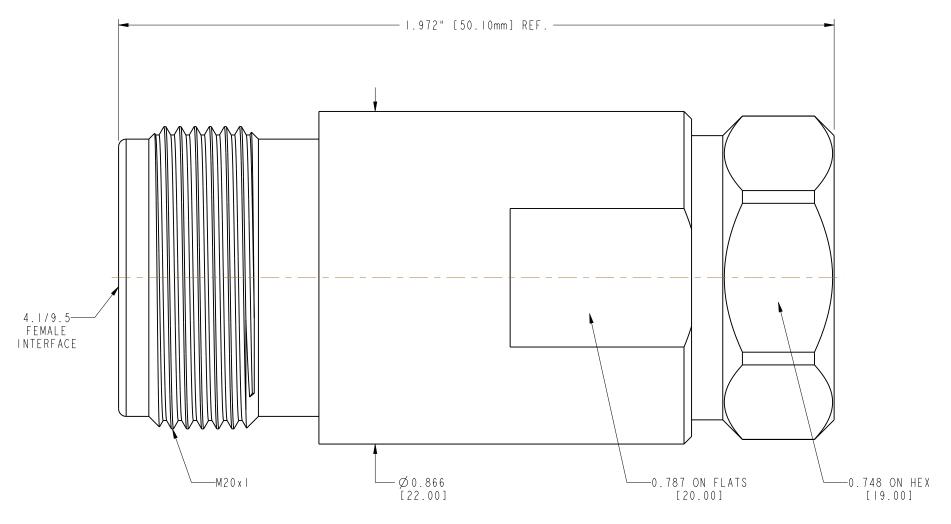


RECOMMENDED CABLE STRIPPING DIMENSIONS

332112 REVISIONS DRAWING NO. REV DESCRIPTION DATE ECO APPR THIRD ANGLE PROJ. \oplus \Box A RELEASE TO MFG. 14-0ct-13 KR/BCG



SCALE 1.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:	MATERIAL	DRAWN	DATE	TITLE		
2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	055 00750	KARTHIK R	12-Sep-13	4.1/9.5 FEMALE FOR	Amphenol	
NOTICE - These drawings, specifications, or other data (I) are, and remain the	SEE NOTES	ENGINEER	DATE	1/2" HELICAL CABLE		
property of Amphenol Čorp. (2) must be returned upon request; and (3) are	REFERENCE	KARTHIK R	12-Sep-13	1/2 HELICAL CADLE	Connex	
confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or		APPROVED	DATE			
other data by Amphenol Corp., or to any other person to anyone for any purpose is		B.C. GLEISSNER	14-0ct-13		SCALE: 4.0:1 SHEET 1 OF 1	
not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any		CAD FILE		DWG SIZEDRAWING N		REV
product, process or design, patented or otherwise, that may in any way be related to				DWO 3122 DWAWTNO N	32112	, Γ
or disclosed by said drawinas, specifications, or other data					,) ((\cap

Mouser Electronics

Authorized Distributor

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