

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## NOTES:

REFERENCE STANDARD IEC60169-11

## I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE  $: 50\pm 2 \Omega$ : DC-3.0 GHz FREQUENCY RANGE : I.100 MAX. VSWR

-160dBc MAX.(2x43dBm) PIM: 0.100 dB MAX. (@ 3.0 GHz) : 5000 M $\Omega$  MIN. INSERTION LOSS

INSULATION RESISTANCE : 2500 VRMS D. W. V

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

## II. MECHANICAL PERFORMANCE -

(NUT) TORQUE : 10-12 N.m (NUT) WHORL PULL : 500 N TENSILE FORCE(CABLE-CONNECTOR): 500 N
TORSION(CABLE-CONNECTOR): 4.00 N : 4.00 N.m

# III.MATERIAL AND PLATING -

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

NUT : BRASS, PLATING = NI (5 µm MIN.)

: SILICONE RUBBER GASKET

: TPX INSULATOR

#### IV. ENVIRONMENTAL -

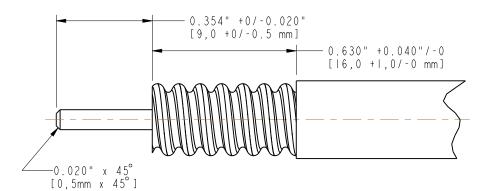
TEMP RANGE

: -40°C TO +85°C : IEC 60068 40/ 085/ 21 WEATHER STANDARD THERMAL SHOCK : IEC 60068-2-14-NA VIBRATION : IEC 60068-2-6-FC IEC 60068-2-27 SHOCK

WATERPROOFING STANDARD : 1P68

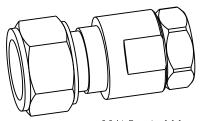
# V. ASSEMBLY: INNER AND OUTER CONDUCTOR INSTALLED

#### VI. ROHS COMPLIANT

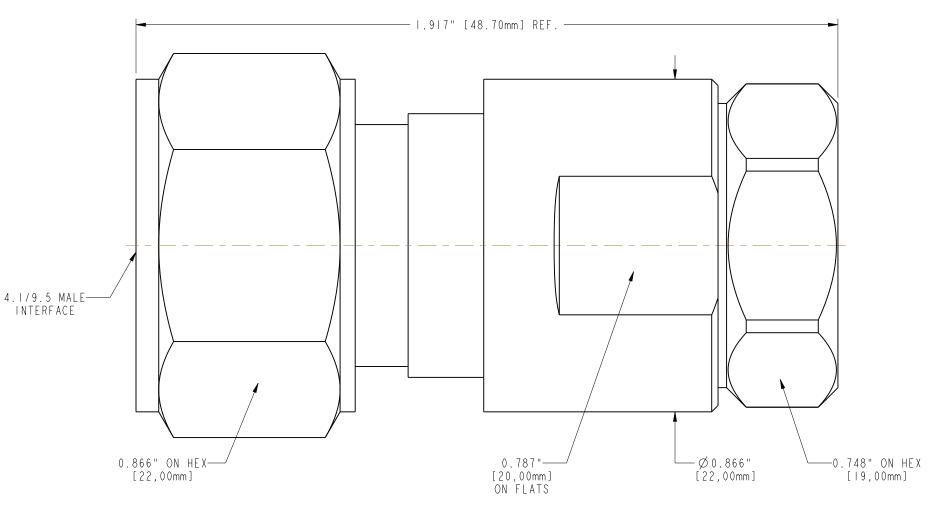


# RECOMMENDED CABLE STRIPPING DIMENSIONS

#### 332110 REVISIONS DRAWING NO REV DESCRIPTION DATE ECO APPR THIRD ANGLE PROJ. $\oplus$ $\Box$ A RELEASE TO MFG. 14-Oct-13 MB/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:  2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES  ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL	DRAWN MOHAN	DATE 12-Sep-13	4.1/9.5 MALE FOR	Ampheno	
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they	SEE NOTES	ENGINEER MOHAN	DATE  2-Sep- 3	1/2" HELICAL CABLE		
are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting	REFERENCE	APPROVED B.C. GLEISSNER	DATE 14-0ct-13		SCALE: 4.0:1 SHEET 1	OF I
rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.		CAD FILE		DWG SIZE DRAWING NO	332110	REV A