

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!



Contact us

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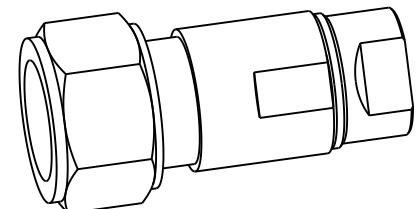
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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NOTES:	REFERENCE STANDARD IEC60169-11	332116	REVISIONS				
		DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
		THIRD ANGLE PROJ.	A	RELEASE TO MFG.	03-Oct-13	--	MB/BCC

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE	: $50 \pm 2 \Omega$
FREQUENCY RANGE	: DC-3.0 GHz
VSWR	: 1.150 MAX.
PIM	: -160 dBc MAX. ($2 \times 43 \text{ dBm}$)
INSERTION LOSS	: 0.050 dB MAX. (@ 3.0 GHz)
INSULATION RESISTANCE	: 5000 M Ω MIN.
D.W.V	: 1500 VRMS
CONDUCTOR RESISTANCE	: OUTER CONDUCTOR 0.5 m Ω MAX. INNER CONDUCTOR 1.0 m Ω MAX.



SCALE 1.000

III. MECHANICAL PERFORMANCE -

(NUT) TORQUE : 10-12 N.m
 (NUT) WHORL PULL : 500 N
 TENSILE FORCE(CABLE-CONNECTOR) : 250 N
 TORSION(CABLE-CONNECTOR) : 1.50 N-m

III. MATERIAL AND PLATING -

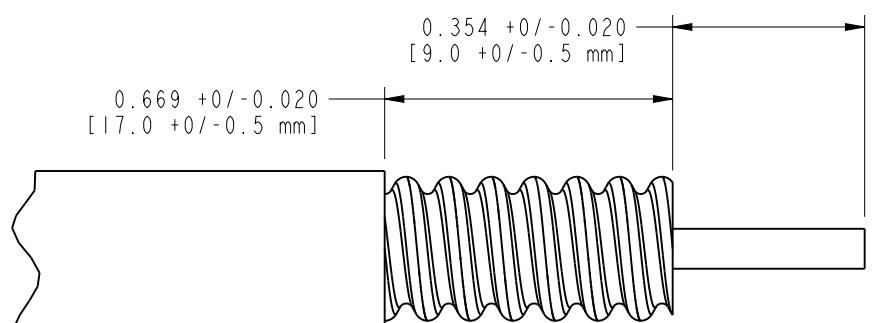
INNER CONDUCTOR : SPRING BRONZE ALLOY, PLATING = Ag (5µm MIN.)
 OUTER CONDUCTOR : BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
 NUT : BRASS, PLATING = NI (5µm MIN.)
 GASKET : SILICONE RUBBER
 INSULATOR : PTFE

IV. ENVIRONMENTAL -

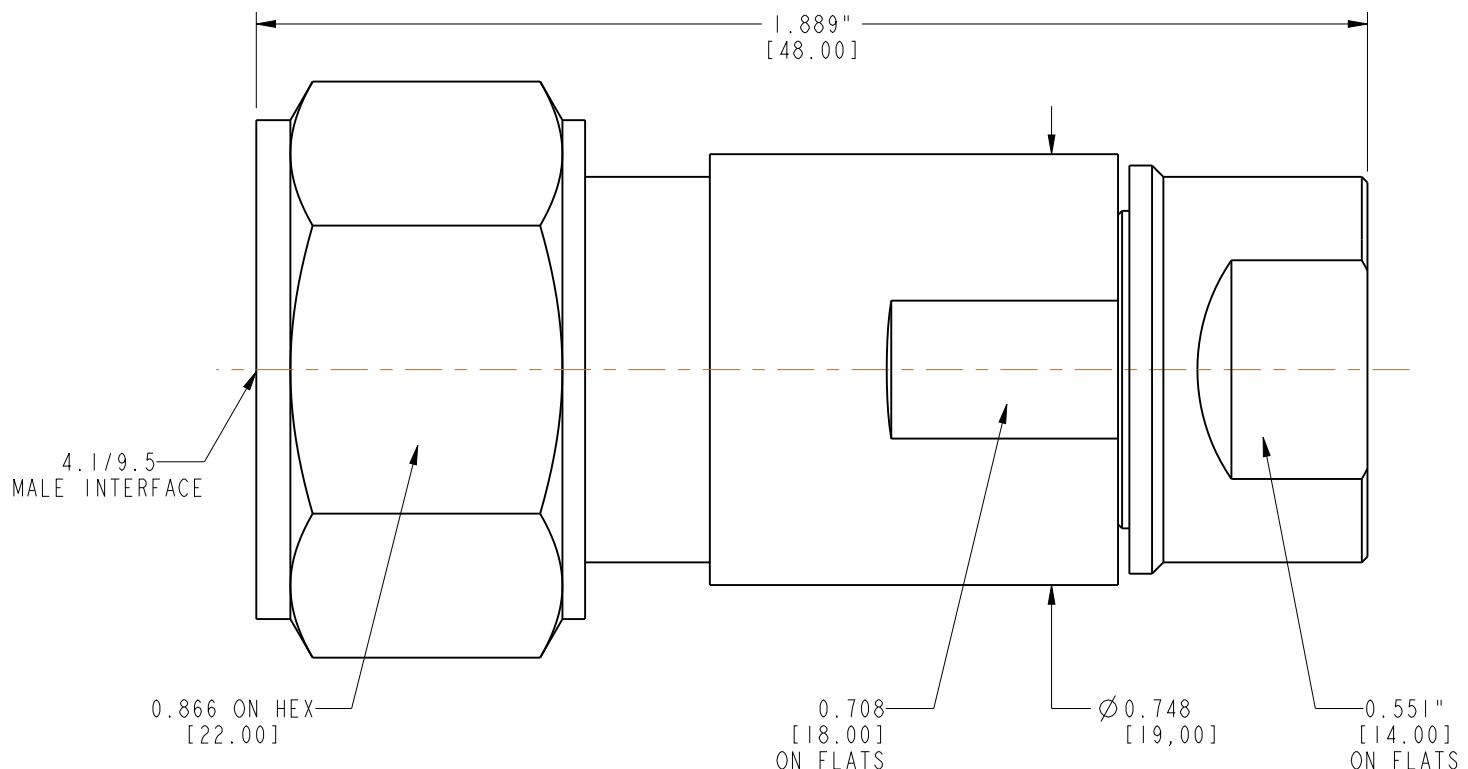
TEMP RANGE	: - 40 °C TO +85 °C
WEATHER STANDARD	: IEC 60068 40/0 85/ 2
THERMAL SHOCK	: IEC 60068-2-14-NA
VIBRATION	: IEC 60068-2-6-FC
SHOCK	: IEC 60068-2-27
WATERPROOFING STANDARD	: IP67

V. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

VI ROHS COMPLIANT



RECOMMENDED CABLE TRIMMING DIMENSIONS



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 SEE NOTES REFERENCE	DRAWN MOHAN	DATE 12-Sep-13	TITLE 4.1/9.5 MALE FOR 1/4" HELICAL CABLE	Amphenol Connex	
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 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 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.				ENGINEER MOHAN	DATE 12-Sep-13			
				APPROVED B.C. GLEISSNER	DATE 03-Oct-13			
CAD FILE				DWG SIZE	DRAWING NO.	SCALE: 3.0:1	SHEET 1 OF 1	
				B	332116	REV A		