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.

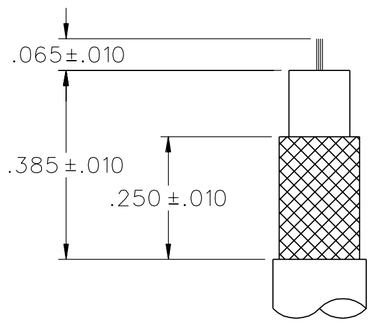
With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC 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

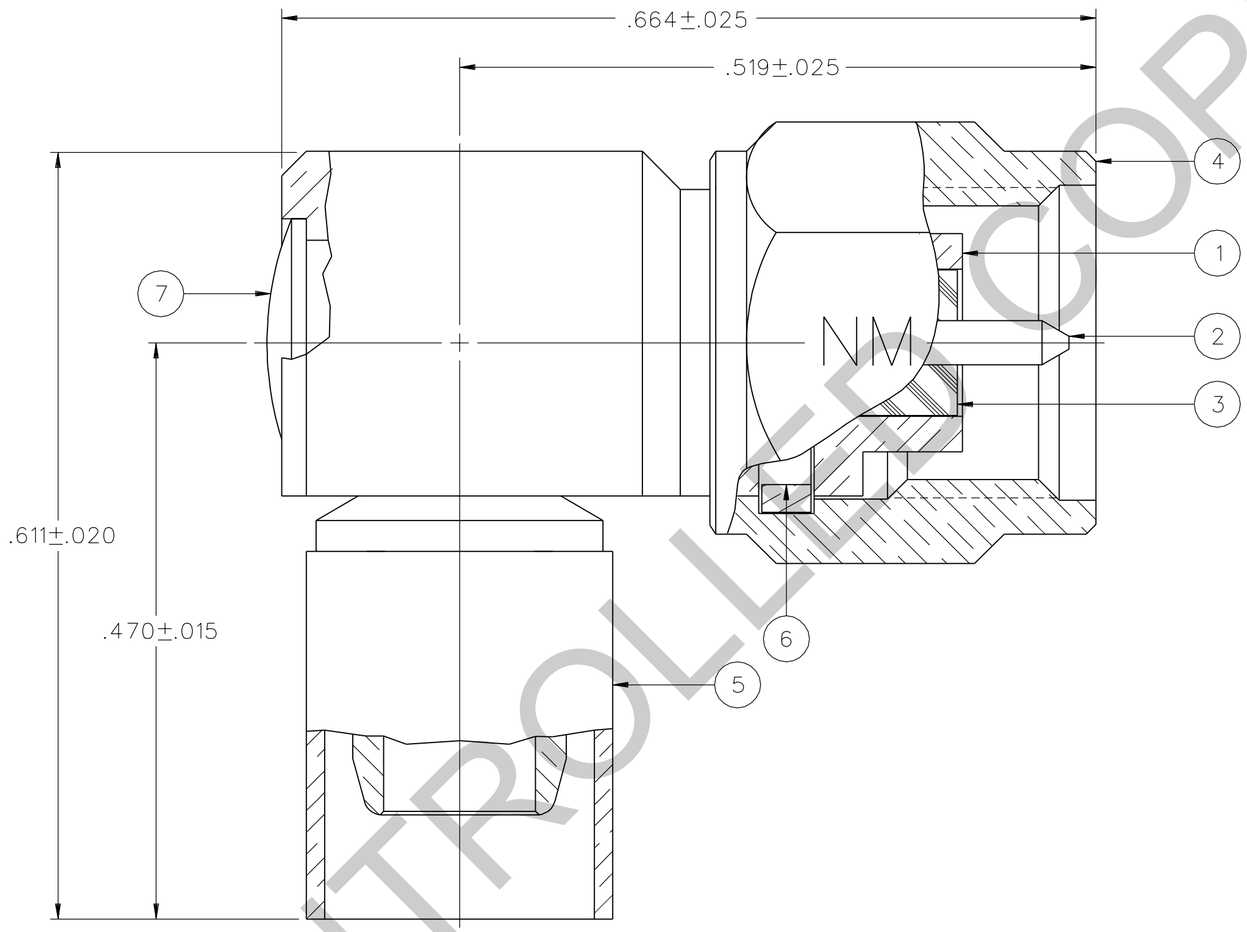
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ HEX NUT	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ RETENTION SPRING	ITEM ⑦ END CAP
142-9407-101	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER UNPLATED	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN
142-9407-104	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER UNPLATED	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN



CABLE STRIP DIMENSIONS

4:1



NOTES:

1. SPECIFICATIONS:

   IMPEDANCE: 50 OHMS
   FREQUENCY RANGE: 0-12.4 GHZ
   VSWR: 1.15+.02F MAX (F IN GHZ)
   WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
   DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
   INSULATION RESISTANCE: 5000 MEGOHM MIN
   CONTACT RESISTANCE:
   CENTER CONTACT - INITIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 6.0 MILLIOHM MAX
   OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
   BODY TO CABLE - 0.5 MILLIOHM MAX
   CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
   INSERTION LOSS: .15 $\sqrt{F}$ (F IN GHZ) AT 6 GHZ
   RF LEAKAGE: -60 DB MIN AT 2.5 GHZ
   RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHZ

   MECHANICAL:

   ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
   MATING TORQUE: 7-10 INCH POUNDS
   COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
   COUPLING NUT RETENTION: 60 LBS MIN
   CONTACT RETENTION: 6 LBS MIN
   CABLE ACCEPTABILITY: RG 58, RG 141, RG 303
   CABLE HEX CRIMP SIZE: .213
   CABLE RETENTION: 40 LBS MIN AXIAL FORCE
   DURABILITY: 500 CYCLES MIN

   ENVIRONMENTAL:

   (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
   THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT +85 DEG C HIGH TEMP
   OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
   CORROSION: MIL-STD-202, METHOD 101, CONDITION B
   SHOCK: MIL-STD-202, METHOD 213, CONDITION I
   VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
   MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

2. CONNECTOR MARKED "NM" FOR NON-MAGNETIC.

DRAWING NO.
C - 142-9407-101/110

0	REVISIONS	
ENGINEERING RELEASE		
1	6-17-03 RH TAK RJB	ECN 48842
COPPER ALLOY WAS COPPER, END CAP COPPER ALLOY WAS BRASS, VERSION UPDATE		
2	2-21-07 PAT PJD JS TAK MJU	6-8-07 ECN 34

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS / mm .XX ——— ——— .XXX ——— ——— MATL ——— FINISH ———	DRAWN BY RSH	DATE 1-6-03
	CHECKED BY TAK	DATE 7-25-03
	APPROVED BY RJB	DATE 7-28-03
	RELEASE DATE 7-28-03	
	U/M INCH	SCALE 10:1

cinch CONNECTIVITY SOLUTIONS a bel group
Cinch Connectivity Solutions
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE
PLUG ASSEMBLY, RA CABLED NON-MAGNETIC SMA, RG 58

SHEET 2 OF 2

DRAWING NO.
C - 142-9407-101/110