



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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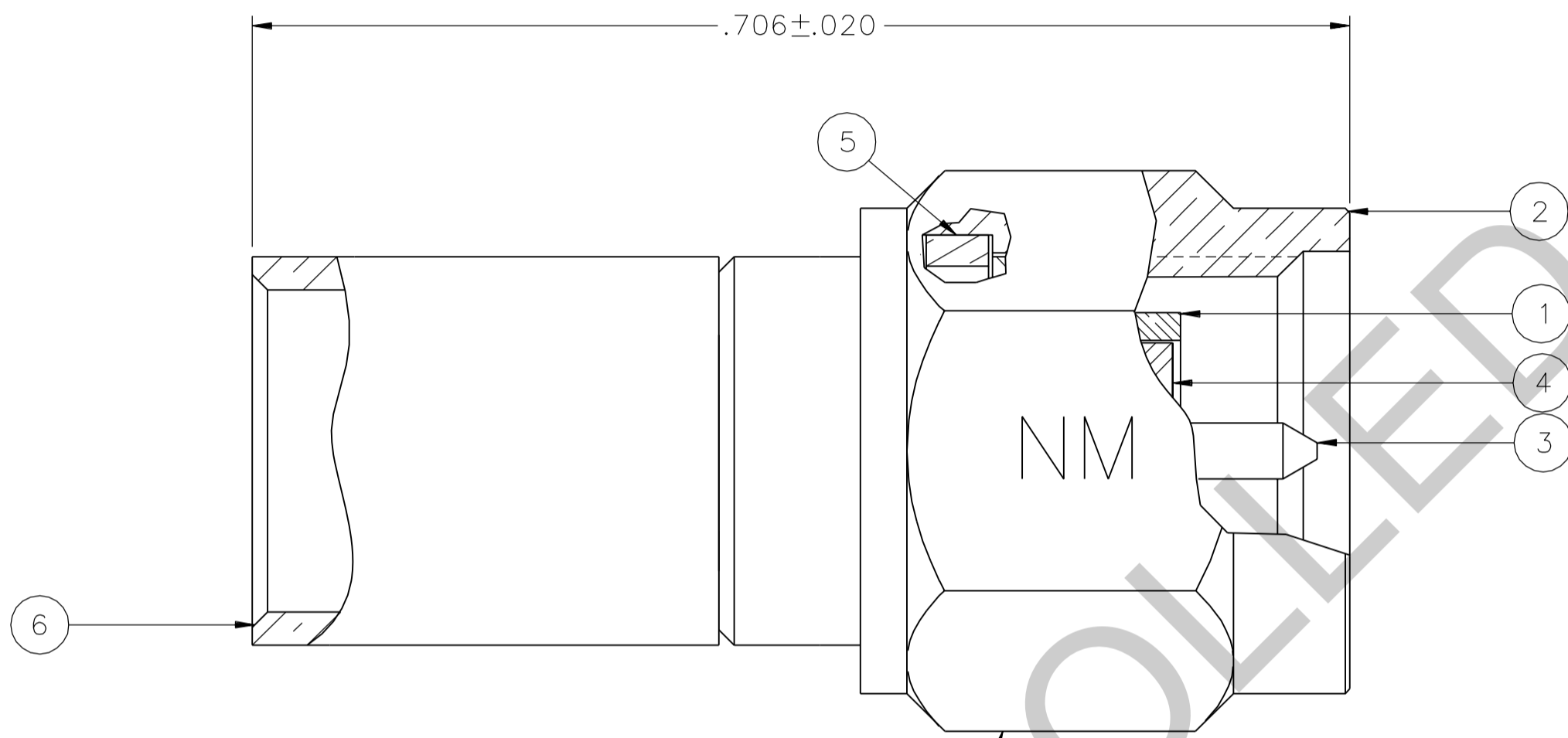
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING	ITEM ⑥ CRIMP SLEEVE
142-9407-001	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN
142-9407-004	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER SILVER PL .00005 MIN OVER COPPER PL .00005 MIN

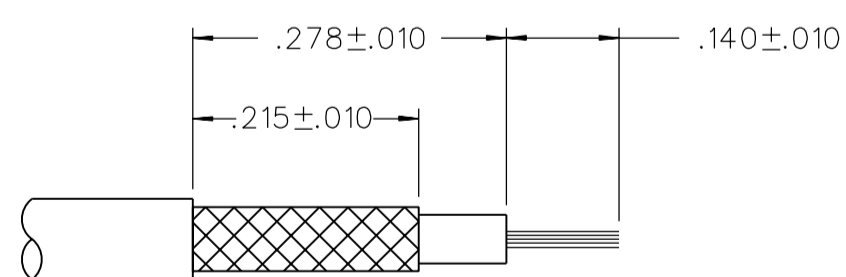
DRAWING NO.  
C - 142-9407-001/010

REVISIONS	
0	REVISIONS
ENGINEERING RELEASE	
1	7-17-03 R H T R J A K B ECN 48840
CHANGED MATERIAL FROM COPPER TO COPPER ALLOY	
2	10-19-06 P A T J D S A K 11-2-06 ECN 50714



NOTES:

- SPECIFICATIONS:
  - IMPEDANCE: 50 OHMS
  - FREQUENCY RANGE: 0-12.4 GHz
  - VSWR: 1.15+.01F 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 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 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: .06 √F MAX (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 AXIAL FORCE
  - CABLE ACCEPTABILITY: RG 58/U, RG 141/U, RG 303/U,
  - CABLE HEX CRIMP SIZE: .213
  - CONTACT CRIMP TOOL: P/N 144-0000-910 WITH POSTIONER 141-0000-007
  - 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° C HIGH TEMP
  - OPERATING TEMPERATURE: -65° C TO 165° 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




CABLE STRIP DIMENSIONS  
4:1

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY <b>RSH</b>	DATE 1-6-03	 <b>Cinch</b> CONNECTIVITY SOLUTIONS a bel group	Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS _____ mm _____	CHECKED BY	DATE		TITLE PLUG ASSEMBLY, STRAIGHT CABLED NON-MAGNETIC SMA, RG 58
.XX _____	APPROVED BY TAK	DATE 7-18-03	SHEET 2 OF 2	DRAWING NO. C - 142-9407-001/010
.XXX _____	RELEASE DATE 7-18-03	SCALE 10:1		
MATL _____	U/M INCH			
FINISH _____				