



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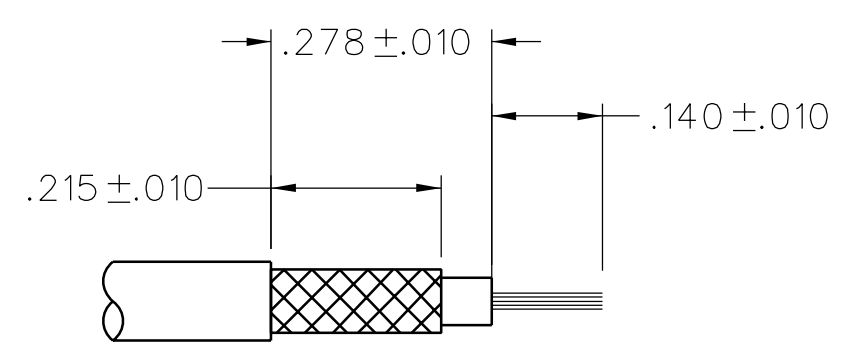
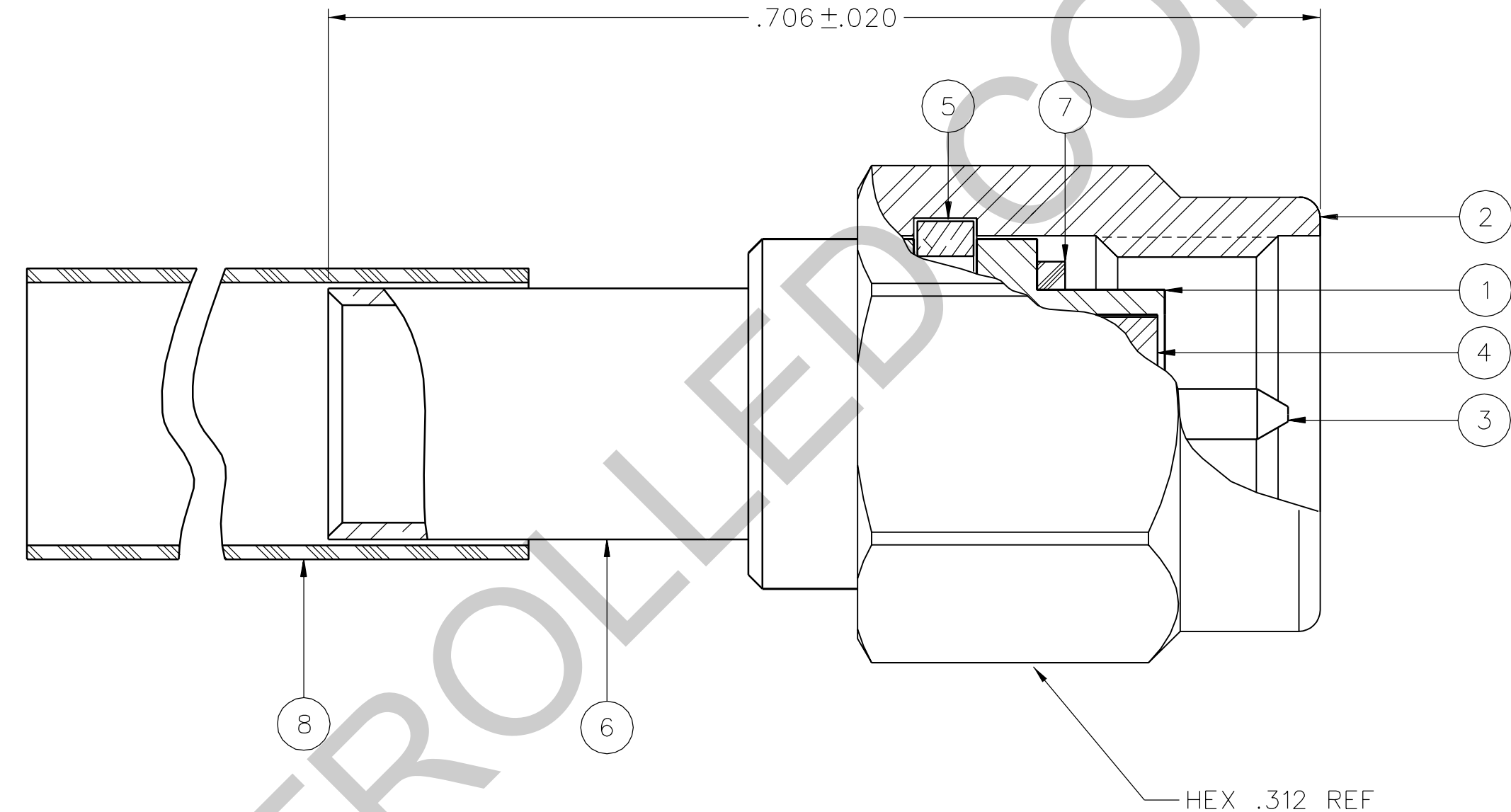
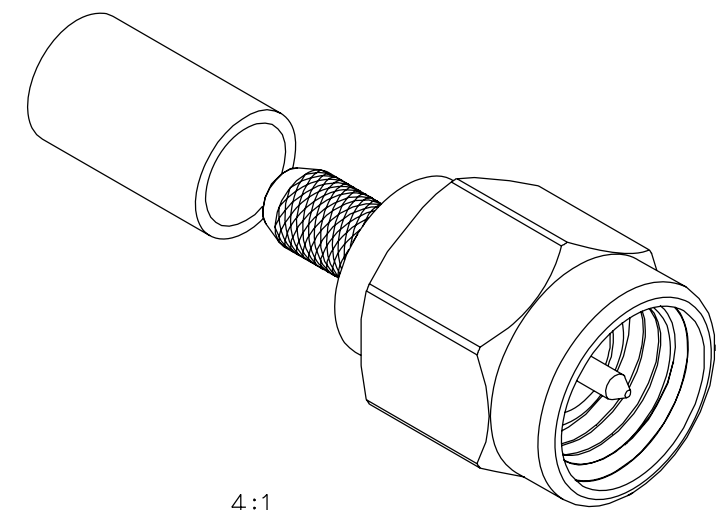
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING	ITEM ⑥ CRIMP SLEEVE	ITEM ⑦ GASKET	ITEM ⑧ HEAT SHRINK
141-0404-011	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	SILICONE RUBBER	POLYOLEFIN COLOR: BLACK
141-0404-012	STAINLESS STEEL PASSIVATED	STAINLESS STEEL PASSIVATED	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	SILICONE RUBBER	POLYOLEFIN COLOR: BLACK

DRAWING NO.
C - 141-0404-011/020

0 REVISIONS	
ENGINEERING RELEASE	
1	5-26-92 R H T R H E K A J B 6-30-92 ECO 41042
ADDED: ITEM 8 HEAT SHRINK	
2	10-6-92 R H T R P A K A B H 10-29-92 ECO 41314
VERSION UPDATE	
2a	9-14-94 R H J T R P A C N A K J B H ECN 42723
VERSION UPDATE	
***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****	
2b	2-1-95 R H S T R J W C K B ECN 43190
GRAPHICS & VERSION UPDATE	
3	12-9-05 P S R P D A T B D J W 4-18-06 ECN 50051
VERSION UPDATE	
***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****	
3a	5-26-06 P S P D A T B W 6-20-06 ECN 50465
UPDATED VIEWS	
4	10-22-08 P R R M J C A T B T U N 11-10-08 ECN 51710



CABLE STRIP DIMENSIONS
4:1

NOTES:
1. SPECIFICATIONS:
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-12.4 GHz
VSWR: 1.15+.02 F MAX (F IN GHz)
WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 750 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 (GOLD PLATED) 5.0 MILLIOHM MAX (PASSIVATED)
CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .06V/dB MAX (F IN GHz) AT 6 GHz
RF LEAKAGE: -60 DB MIN AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:
ENGAGE/DISENGAGE TORQUE: 2 IN-LBS MAX
MATING TORQUE: 7-10 IN-LBS
COUPLING PROOF TORQUE: 15 IN-LBS MIN
COUPLING NUT RETENTION: 60 LBS MIN
CONTACT RETENTION: 6 LBS MIN
CABLE ACCEPTABILITY: RG 188/U DOUBLE SHIELDED
RG 316/U DOUBLE SHIELDED
CABLE HEX CRIMP SIZE: .151
CONTACT CRIMP TOOL: MIL M22520/1-01
CABLE RETENTION: 20 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

CUSTOMER DRAWING
THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994
"μ STATION"
COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY TAK	DATE 4-10-92		Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS mm	CHECKED BY	DATE		
.XX _____			TITLE	PLUG ASSEMBLY, STRAIGHT CABLED SMA, DOUBLE SHIELDED RG 316
.XXX _____	APPROVED BY RJB/TAK	DATE 6-25-92	SHEET	
MATL _____	RELEASE DATE	6-30-92	2 OF 2	DRAWING NO. C - 141-0404-011/020
FINISH _____	U/M INCH	SCALE 10:1		