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.

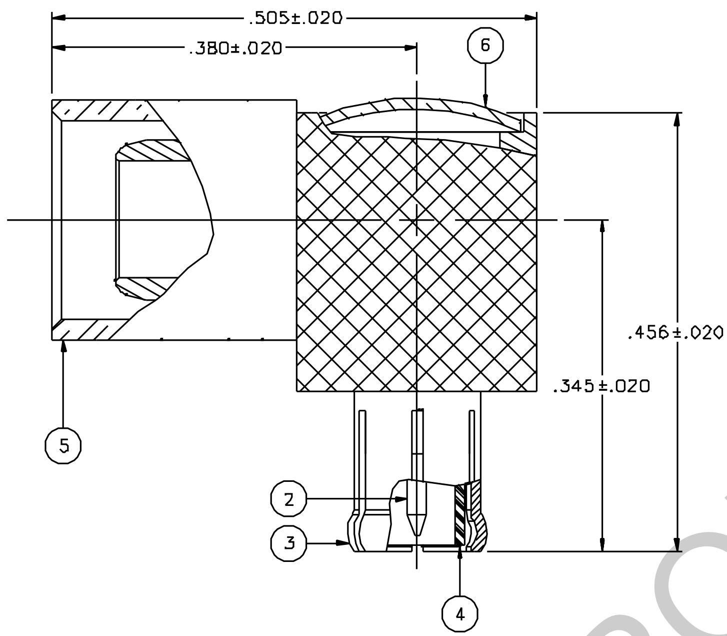
With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC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

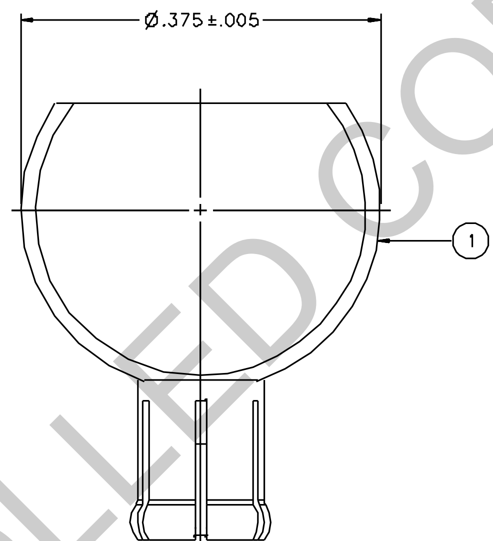
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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 INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ END CAP
133-3407-101	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-3407-106	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN





NOTES:

1. SPECIFICATIONS:

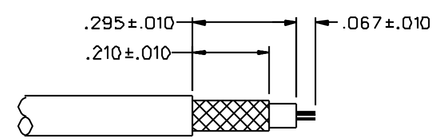
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.12+.03F MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 10000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 15 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
BODY TO CABLE - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: .2 DB MAX AT 1 GHz
RF LEAKAGE: -55 DB AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
1.0/8.0 LBS MIN/MAX DISENGAGEMENT
CONTACT RETENTION FORCE: 2.3 LBS MIN AXIAL FORCE
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
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-C-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION F
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106



CABLE STRIP DIMENSIONS

4:1

DRAWING NO.
C - 133-3407-101/110

0	REVISIONS		
ENGINEERING RELEASE			
1	3-5-96	RH	3-22-96 ECN 43985
CHANGED: ITEM 2 BRASS CONTACT WAS BERYLLIUM COPPER, VSWR: 1.12 +.03F WAS 1.07+.04F, RF HIGH POT: 600 VRMS WAS 700 VRMS, SHOCK: METHOD 213 WAS 102 ADDED: MOISTURE RESISTANCE			
1a	6-14-96	RH	ECN 44081
CHANGED: -55 DB RF LEAK WAS -70 DB, 5.6 LBS MAX ENGAGE WAS 3.4 LBS, 1.0/8.0 MIN/MAX DISENGAGE WAS 5 LBS TYPICAL DISENGAGE			
* REVISION NUMBER FOLLOWED BY AN ALPHA CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *			
1b	9-29-00	RH	ECN 47354

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.5M - 1982

"µSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY T.A.KARI	DATE 2-23-96
DECIMALS .XX	mm	CHECKED BY	DATE
.XXX		APPROVED BY TAK	DATE 3-5-96
MATL		APPROVED BY RJB	DATE 3-5-96
FINISH		RELEASE DATE	3-22-96

JOHNSON®
a cinch connectivity solutions brand

Cinch Connectivity Solutions
299 Johnson Ave. Ste. 100
Waseca, MN 56093
1-800-247-8256

TITLE
PLUG ASSEMBLY
RIGHT ANGLE CABLED, RG 58
MCX

CODE NO.	DRAWING NO. C - 133-3407-101/110	
SCALE 10:1	U/M INCH	SHEET 2 OF 2