



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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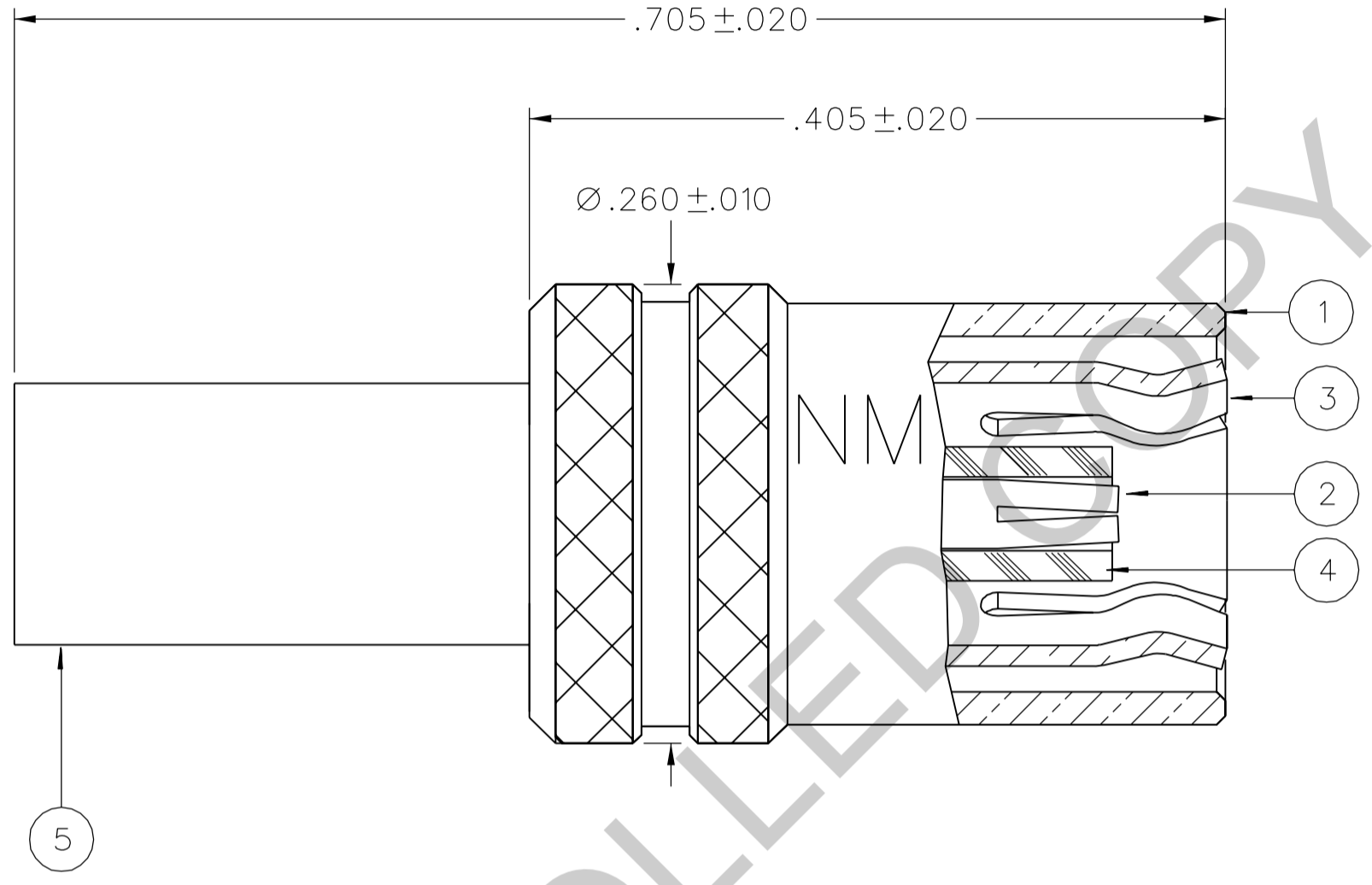
PART NUMBER 131-9403-021	ITEM ① BODY COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ② CONTACT COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ③ INTERFACE COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ④ INSULATOR TEFLON	ITEM ⑤ CRIMP SLEEVE COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN
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DRAWING NO.
C - 131-9403-021/030

0 REVISIONS

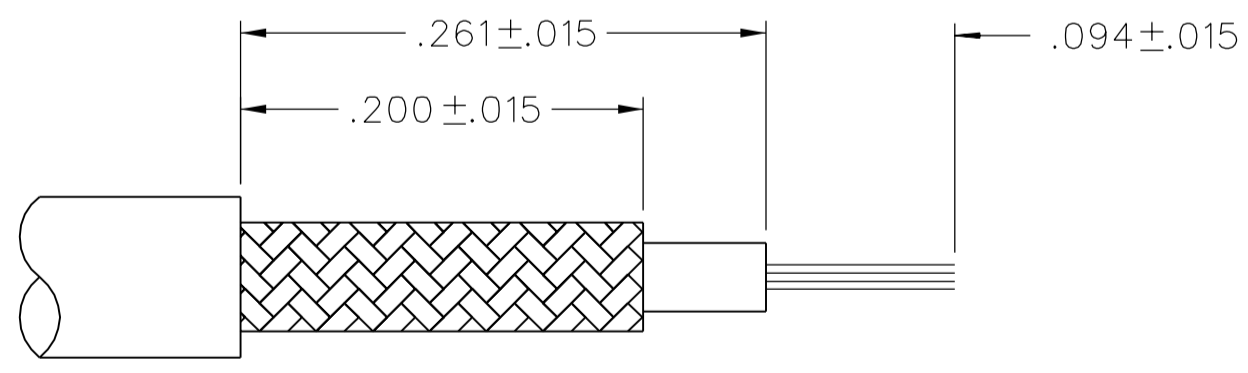
ENGINEERING RELEASE

1 9-26-08 P A T W B T A K T M J U S 10-8-08 ECN 51650



NOTES:

1. SPECIFICATIONS:
- IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-4 GHZ
 VSWR: 1.25+.04 F (F IN GHZ) (50 OHM CABLE ONLY)
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 1000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
 OUTER CONDUCTOR - GOLD PLATED AND SILVER PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX, NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
 BRAID TO BODY - GOLD PLATED AND SILVER PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE, NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
- CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .30 DB MAX AT 1.5 GHZ (50 OHM CABLE ONLY)
 RF LEAKAGE: -55 DB MIN AT 2.5 GHZ (50 OHM CABLE ONLY)
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS MIN AT 4 AND 7 MHZ
- MECHANICAL:
- ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX
 ENGAGEMENT/2 LBS MIN DISENGAGEMENT
- MATING TORQUE: NOT APPLICABLE
 COUPLING PROOF TORQUE: NOT APPLICABLE
 COUPLING NUT RETENTION: NOT APPLICABLE
 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
 CABLE ACCEPTABILITY: RG 188/U, RG 316/U, RG 179/U, RG 174/U, RG 161/U, RG 187/U
- CABLE HEX CRIMP SIZE: .128
 CONTACT CRIMP TOOL:
 CABLE RETENTION: 20 LBS MIN OR CABLE BREAKING STRENGTH
 DURABILITY: 500 CYCLES MIN



CABLE STRIP DIMENSIONS

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 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

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY BTW	DATE 5-23-08
DECIMALS	mm	CHECKED BY TJS	DATE 10-8-08
.XX	_____	APPROVED BY TAK	DATE 10-8-08
.XXX	_____	RELEASE DATE	10-8-08
MATL	_____	U/M	INCH
FINISH	_____	SCALE	10:1

cinch
CONNECTIVITY SOLUTIONS
a bel group

Cinch Connectivity Solutions
P.O. Box 1732
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1-800-247-8256

TITLE
PLUG ASSEMBLY, 3 PIECE
STRAIGHT CABLED RG 316
SMB NON-MAGNETIC

SHEET 2 OF 2
DRAWING NO.
C - 131-9403-021/030