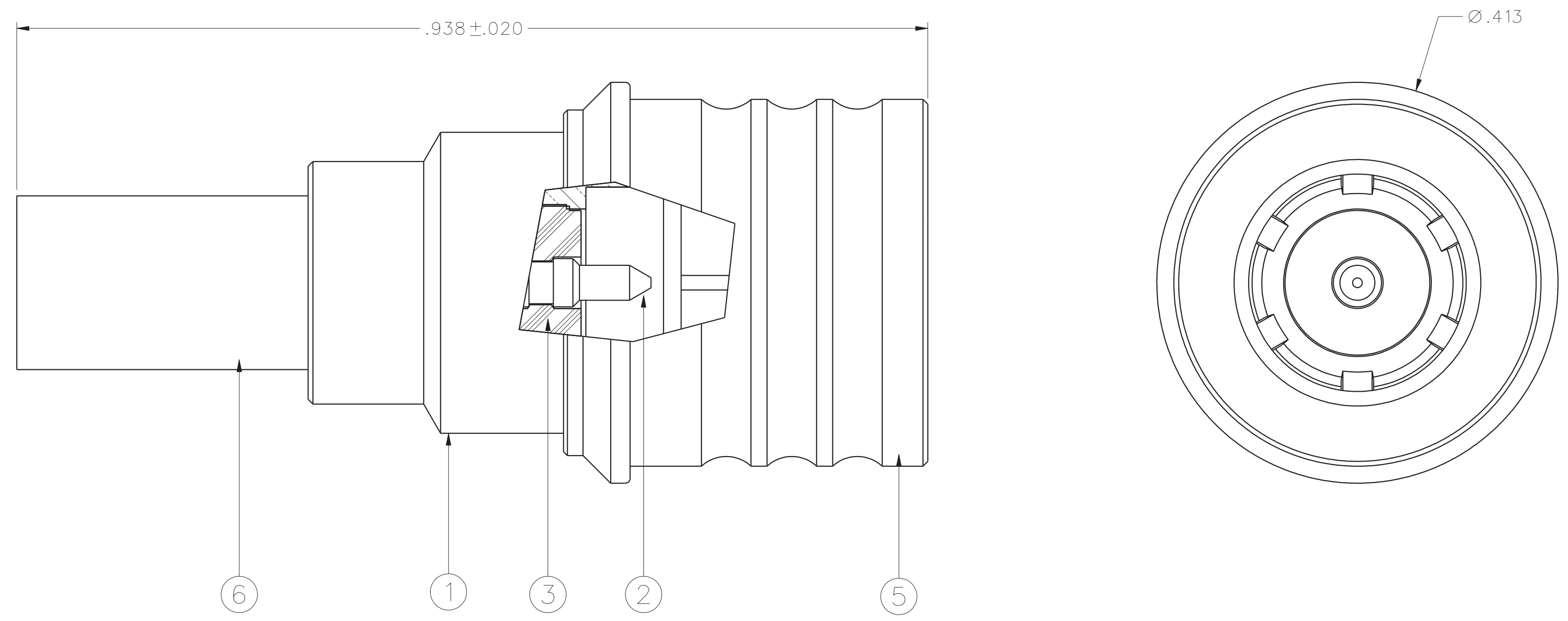


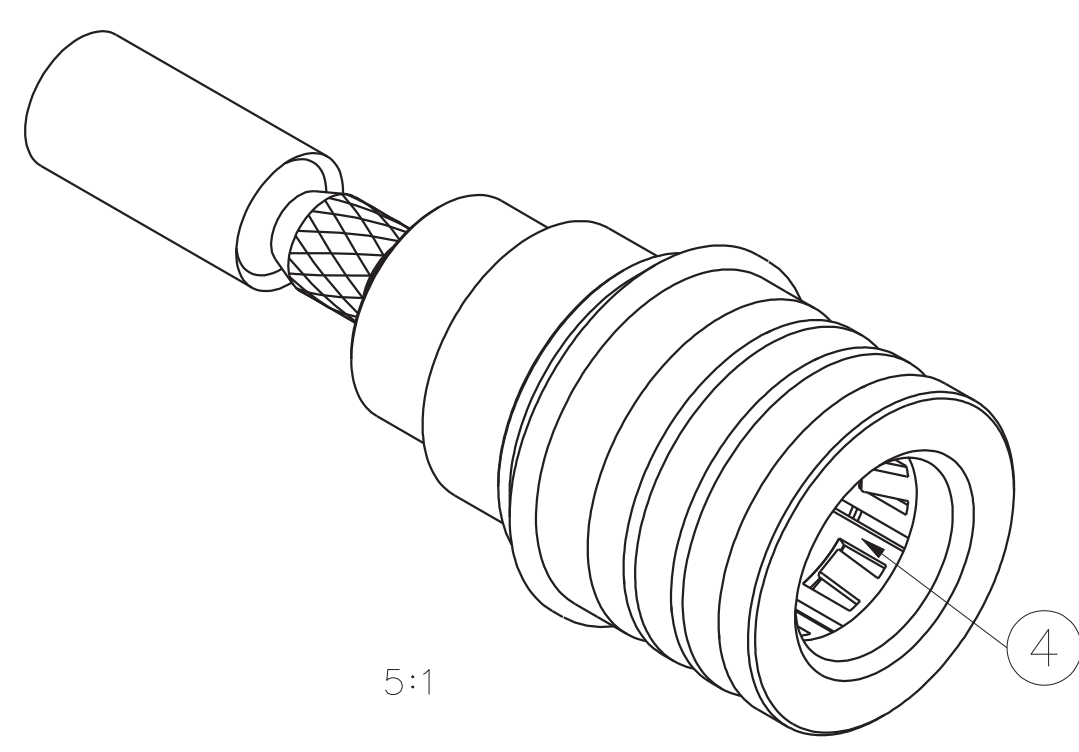
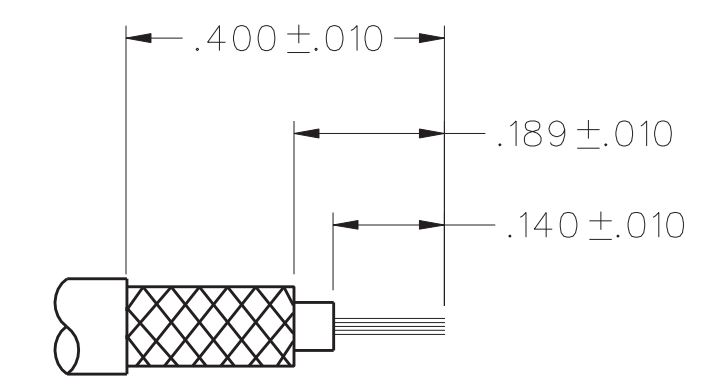
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ COUPLING DEVICE	ITEM ⑤ DE-COUPLING SLIDER	ITEM ⑥ CRIMP SLEEVE
146-0404-007	BRASS TRI-ALLOY PL .0001 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER TRI-ALLOY PL .0001 MIN	BRASS TRI-ALLOY PL .0001 MIN	COPPER TRI-ALLOY PL .0001 MIN

DRAWING NO. C - 146-0404-001/010	
0	REVISIONS
ENGINEERING RELEASE	
1	3-3-11 C W W R B T A J U 3-3-11 ECO 53064



NOTES:

1. SPECIFICATIONS:
- IMPEDANCE: 50 OHMS NOMINAL
 - FREQUENCY RANGE: 0-12.4 GHz
 - VSWR: 1.15 + 0.02F
 - 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
 - OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 - CABLE BRAID TO CONNECTOR BODY - INITIAL 5.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 - CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
 - INSERTION LOSS: .06/√F (F IN GHz) AT 6 GHz
 - RF LEAKAGE: -80 DB MIN AT 3.0 GHz
 - RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500 VRMS MIN AT 4 AND 7 MHz
- MECHANICAL:
- ENGAGE FORCE: 5.6 POUNDS TYPICAL
 - DISENGAGE FORCE: 4.5 POUNDS TYPICAL
 - COUPLING RETENTION FORCE: 10 POUNDS MIN
 - CONTACT RETENTION: 6 LBS MIN
 - CABLE ACCEPTABILITY: RG 188/U DOUBLE SHIELDED, RG 316 DOUBLE SHIELDED
 - CABLE HEX CRIMP SIZE: .151
 - CONTACT CRIMP TOOL: 144-0000-910
 - CABLE RETENTION: 20 LBS MIN AXIAL FORCE
 - DURABILITY: 500 CYCLES MIN
- ENVIRONMENTAL:
- OPERATING TEMPERATURE: -65 DEG C TO +165 DEG C
 - THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT +85°C HIGH TEMP
 - 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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY T.A.Kari	DATE 3-3-11
DECIMALS _____ mm	CHECKED BY CWW	DATE 3-3-11
.XX _____	APPROVED BY T.A.Kari	DATE 3-3-11
.XXX ±.003 _____	RELEASE DATE 3-3-11	U/M INCH SCALE 10:1
MATL _____		
FINISH _____		

cinch CONNECTIVITY SOLUTIONS
a bel group

Cinch Connectivity Solutions
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE
THREE PIECE STRAIGHT PLUG
CRIMP TYPE, RG-316 DOUBLE SHIELDED
KWIQIMATE

SHEET 2 OF 2
DRAWING NO.
C - 146-0404-001/010

Mouser Electronics

Authorized Distributor

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