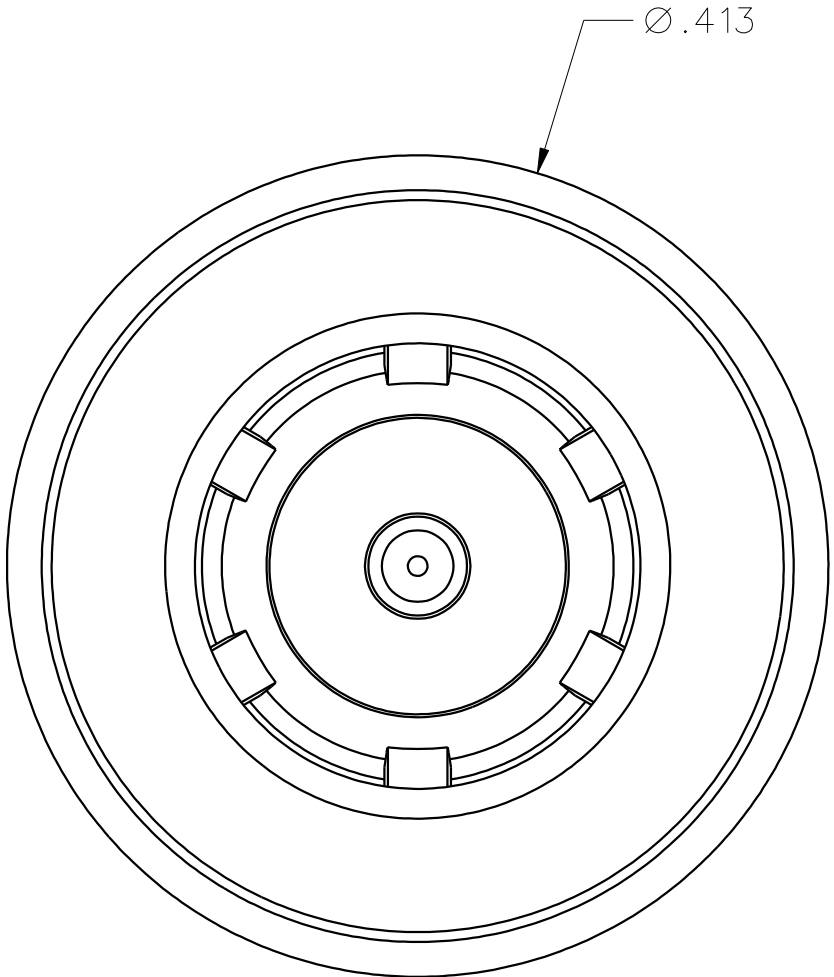
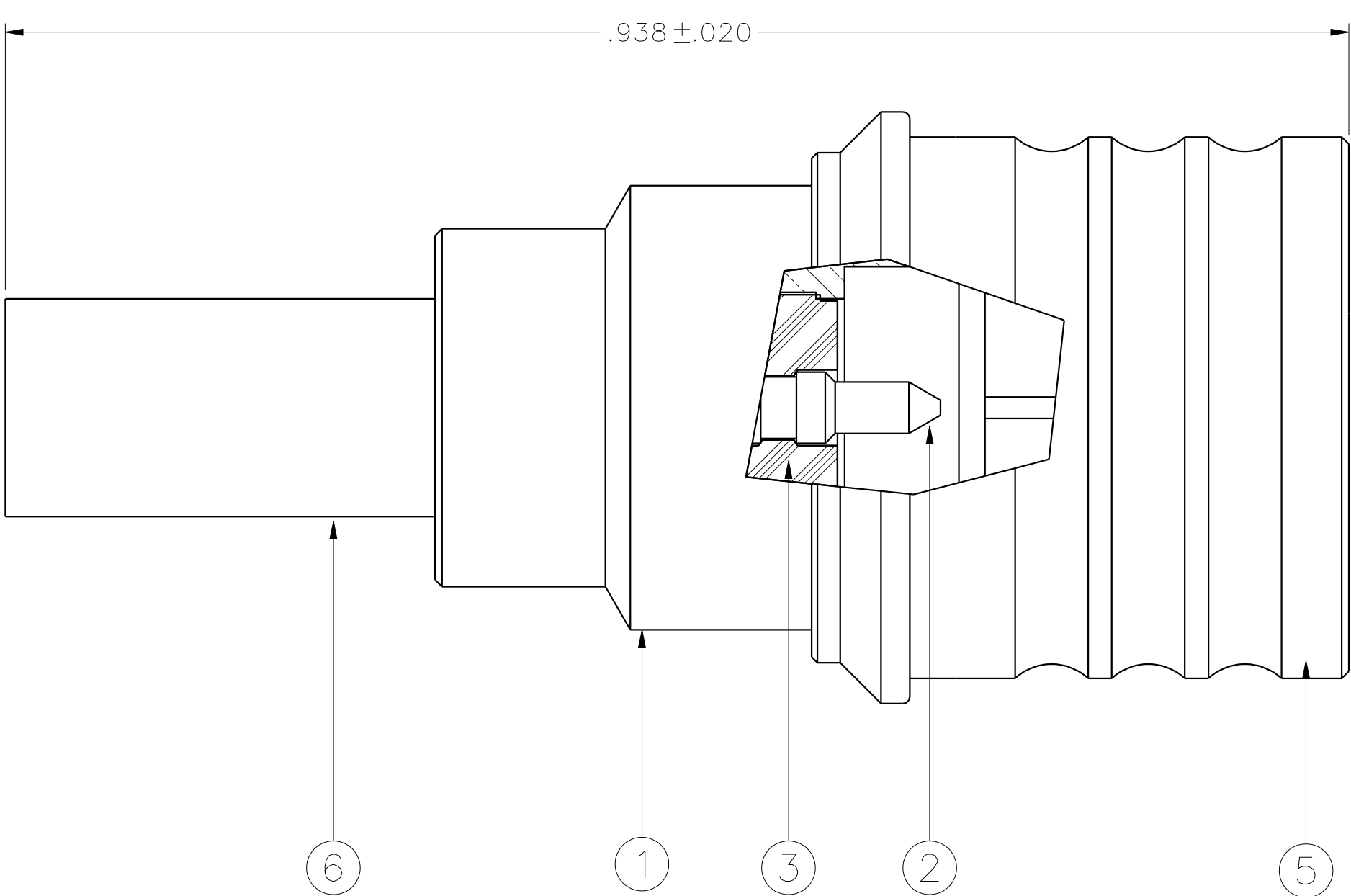


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ COUPLING DEVICE	ITEM ⑤ DE-COUPLING SLIDER	ITEM ⑥ CRIMP SLEEVE
146-0403-007	BRASS TRI-ALLOY PL .0001 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER TRI-ALLOY PL .0001 MIN	BRASS TRI-ALLOY PL .0001 MIN	COPPER TRI-ALLOY PL .0001 MIN

DRAWING NO.						
C - 146-0403-001/010						
0	REVISIONS					
ENGINEERING RELEASE						
1	1-24-10	C W W	R B	T A K	M J U	1-24-10 ECO 52105
10 LBS MIN COUPLING RETENTION WAS 13.5						
1a	3-3-11	C W W	R B	T A K	M J U	3-3-11 ECO 53066



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

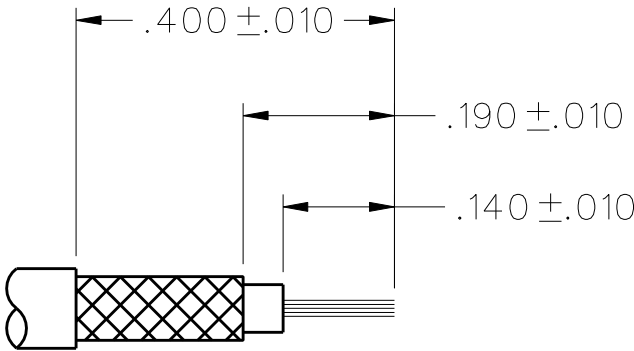
CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .06√F (F IN GHz) AT 6 GHz
RF LEAKAGE: -80 DB MIN AT 3.0 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500 VRMS MIN AT 4 AND 7 MHz

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, RG 316/U, RG 161/U, RG 174/U
CABLE HEX CRIMP SIZE: .128
CONTACT CRIMP TOOL: 144-0000-910
CABLE RETENTION: 20 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

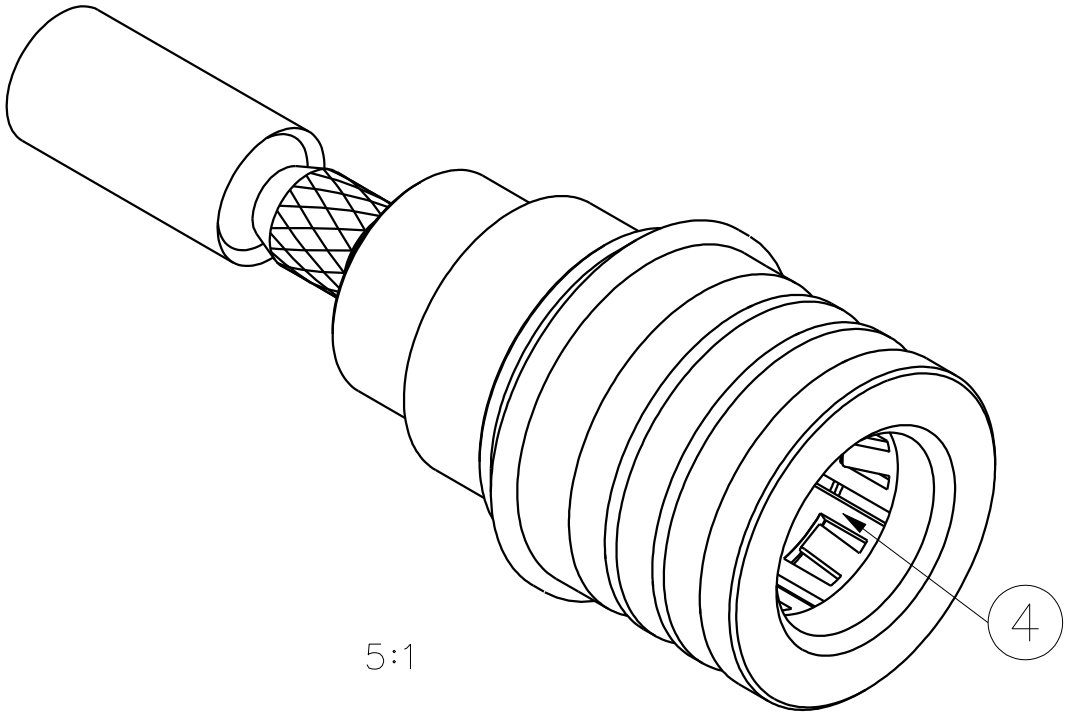
ENVIRONMENTAL:

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



TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY T.A.Kari		DATE 4-09-08		 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	CHECKED BY CWW		DATE 3-7-11		TITLE THREE PIECE STRAIGHT PLUG CRIMP TYPE, RG-316 KWIQMATE	
.XX	_____						
.XXX ±.003	_____	APPROVED BY T.A. KARI		DATE 3-7-11			
MATL _____		RELEASE DATE 3-7-11				SHEET	DRAWING NO.
FINISH _____		U/M	INCH	SCALE	10:1	2 OF 2	C - 146-0403-001/010