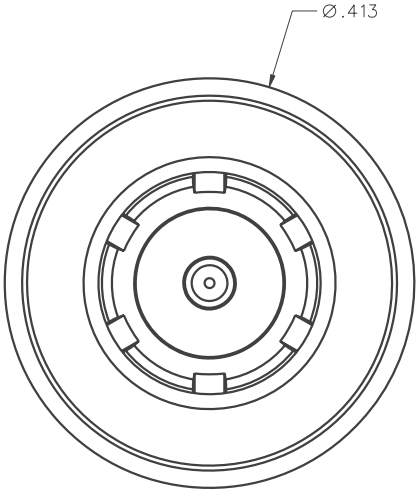
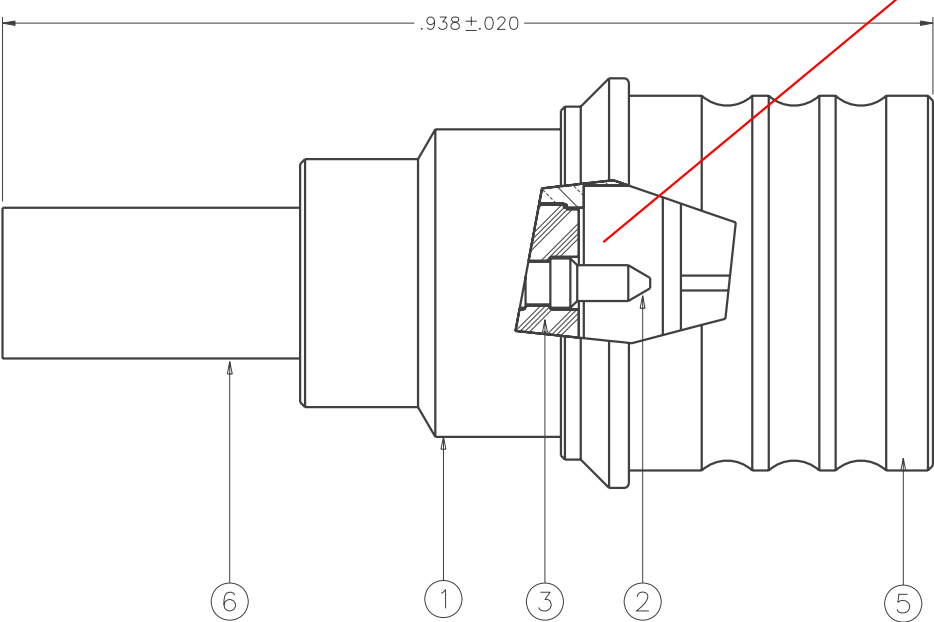


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ COUPLING DEVICE	ITEM ⑤ DE-COUPLING SLIDER	ITEM ⑥ CRIMP SLEEVE
146-0403-007	BRASS TRI-ALLOY PL .0001 MIN OVER	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER TRI-ALLOY PL .0001 MIN OVER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

DRAWING NO. C - 146-0403-001/010					
0 REVISIONS					
PRE-PRODUCTION USE ONLY					
0	9-22-08	P T	A K	M J	R B
					9-26-08 ECN 51632
PRE-PRODUCTION USE ONLY DRAWING UPDATE.					
0a	8-22-09	T K	R B	M J	U
					9-13-09 ECN 52032

UPDATE CON & INSUL LENGTHS



NOTES:

1. SPECIFICATIONS:

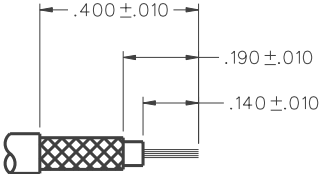
IMPEDANCE: 50 OHMS NOMINAL
FREQUENCY RANGE: 0-12.4 GHz
VSWR: 1.15 + 0.02F
WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0
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: 13.5 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

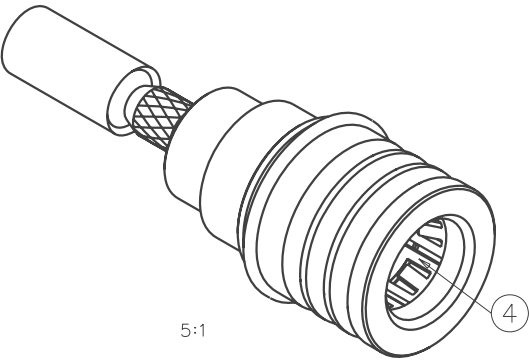
ENVIRONMENTAL:

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



5:1

ECO 52105
MARKUP TAK 1-24-10

FOR QUOTATION ONLY
UNAPPROVED

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

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 XXX		DATE X			
.XX	---	APPROVED BY XXX		DATE X		TITLE THREE PIECE STRAIGHT PLUG CRIMP TYPE, RG-316 KWIQMATE	
.XXX ±.003		RELEASE DATE		X		SHEET 2 OF 2	
MATL		U/M		INCH		DRAWING NO. C - 146-0403-001/010	
FINISH		SCALE		10:1			