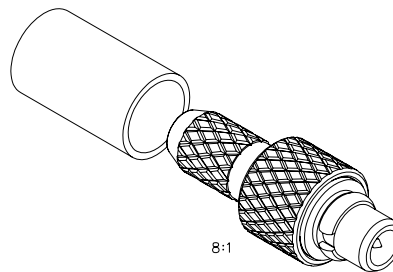
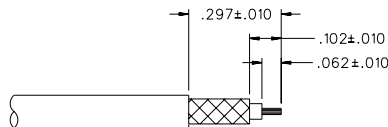
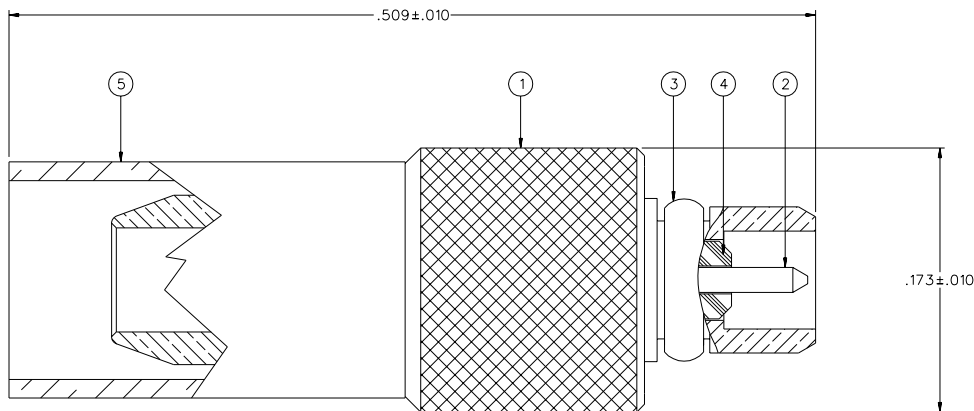


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE SPRING	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE
135-9403-001	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN

DRAWING NO.		C - 135-9403-001/010	
0	REVISIONS		
ENGINEERING RELEASE			
1	9-6-07	P 1	9-14-07 W 1 E C N 51225



8:1



CABLE STRIP DIMENSIONS

4:1

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-6 GHz
 VSWR: 1.2 MAX (F IN GHz)
 WORKING VOLTAGE: 170 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 1000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 5.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 8.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
 BODY TO BRAID - INITIAL 15 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 CORONA LEVEL: 190 VOLTS MINIMUM AT 70,000 FEET
 INSERTION LOSS: 0.1 DB MAX AT 1 GHZ
 RF LEAKAGE: -60 DB AT 2.5 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 400 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 8.0 LBS MAX ENGAGEMENT
 1.4 LBS MIN DISENGAGEMENT
 CONTACT RETENTION FORCE: 2.0 LBS MIN AXIAL FORCE
 CONTACT RETENTION TORQUE: NOT APPLICABLE
 COUPLING MECHANISM RETENTION: NOT APPLICABLE
 CABLE ACCEPTABILITY: RG 316/U, 188, 161, 174
 CABLE HEX CRIMP SIZE: .128 HEX
 CABLE RETENTION: 20 LBS
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION C,
 EXCEPT -55 DEG C TO 155 DEG C
 OPERATING TEMPERATURE: -55 DEG C TO 155 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 D
 MOISTURE: MIL-STD-202, METHOD 106

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY JDS	DATE 9-6-07
DECIMALS	CHECKED BY TAK	DATE 9-14-07
.XXX ± .003	APPROVED BY TJS	DATE 9-14-07
MATL	RELEASE DATE	9-14-07
FINISH	U/M	INCH
	SCALE	20:1

Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
EMERSON Network Power	TITLE ASSEMBLY, PLUG STRAIGHT CABLED RG 316 NON-MAGNETIC MMCX
SHEET 2 OF 2	DRAWING NO. C - 135-9403-001/010