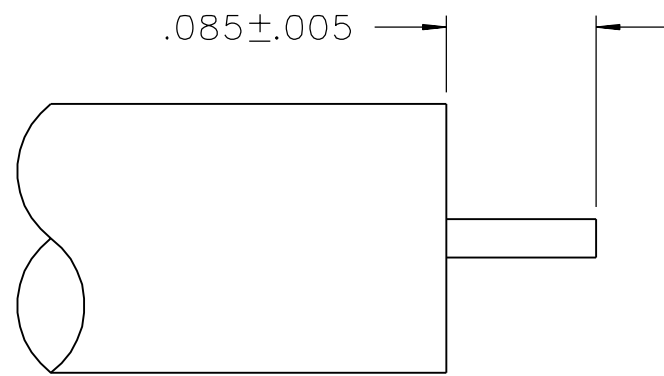
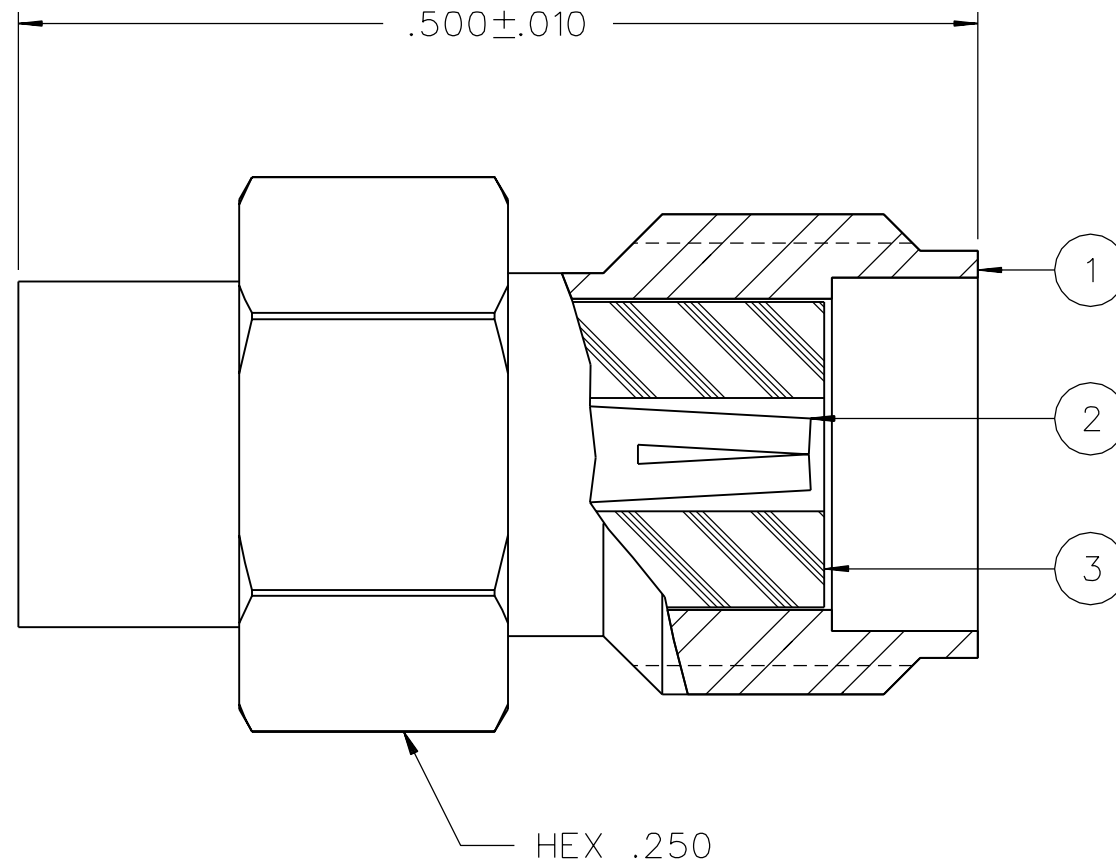


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0594-001	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



CABLE STRIP DIMENSIONS



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-18.0 GHZ
 VSWR: 1.05+.008F MAX (F IN GHZ)
 WORKING VOLTAGE: 500 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER
 ENVIRONMENTAL 4.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX
 AFTER ENVIRONMENTAL NOT APPLICABLE
 BODY TO CABLE - 0.5 MILLIOHM MAX
 CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .03 $\sqrt{F}$ (F IN GHZ) AT 10 GHZ
 RF LEAKAGE: -90 DB MIN AT 2 TO 3 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS MIN AT 5 TO 7.5 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 IN-LBS MAX
MATING TORQUE: 7-10 IN-LBS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 402 DIA .141 SEMI RIGID
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: 60 LBS MIN AXIAL FORCE
55 IN-OUNCE MIN TORQUE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B,
EXCEPT 115° C HIGH TEMP
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
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

DRAWING NO.							
C - 141-0594-001/010							
0		REVISIONS					
ENGINEERING RELEASE							
01	09-17-89	E J	G L	R J	A B	10-05-89 ECO 24128	
ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC.							
02	06-06-90	E J	G L	R J	A B	06-15-90 ECO 24432	
CHANGED: IN SPECS 10 GHZ WAS 9-12.4 GHZ DELETED: .424+- .010 ADDED: HEX .312							
3	1-8-91	R H	R J			ECO 24962	
DELETED: "COPPER PL .00005 MIN"							
4	8-20-91	D B	R J			ECO 40503	
GRAPHICS & VERSION UPDATE HEX .250 WAS HEX..312							
5	12-19-05	P A	S B	D W			5-12-06 ECN 50102

CUSTOMER DRAWING

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

" μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY 		DATE 2-14-89		 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY	DATE		TITLE JACK ASSEMBLY, STRAIGHT CABLED- SMA, RG 402		
.XXX							
MATL		APPROVED BY RJB/GLD	DATE 9-29-89				
FINISH		RELEASE DATE		10-5-89		SHEET 2 OF 2	
		U/M	INCH	SCALE 10:1			