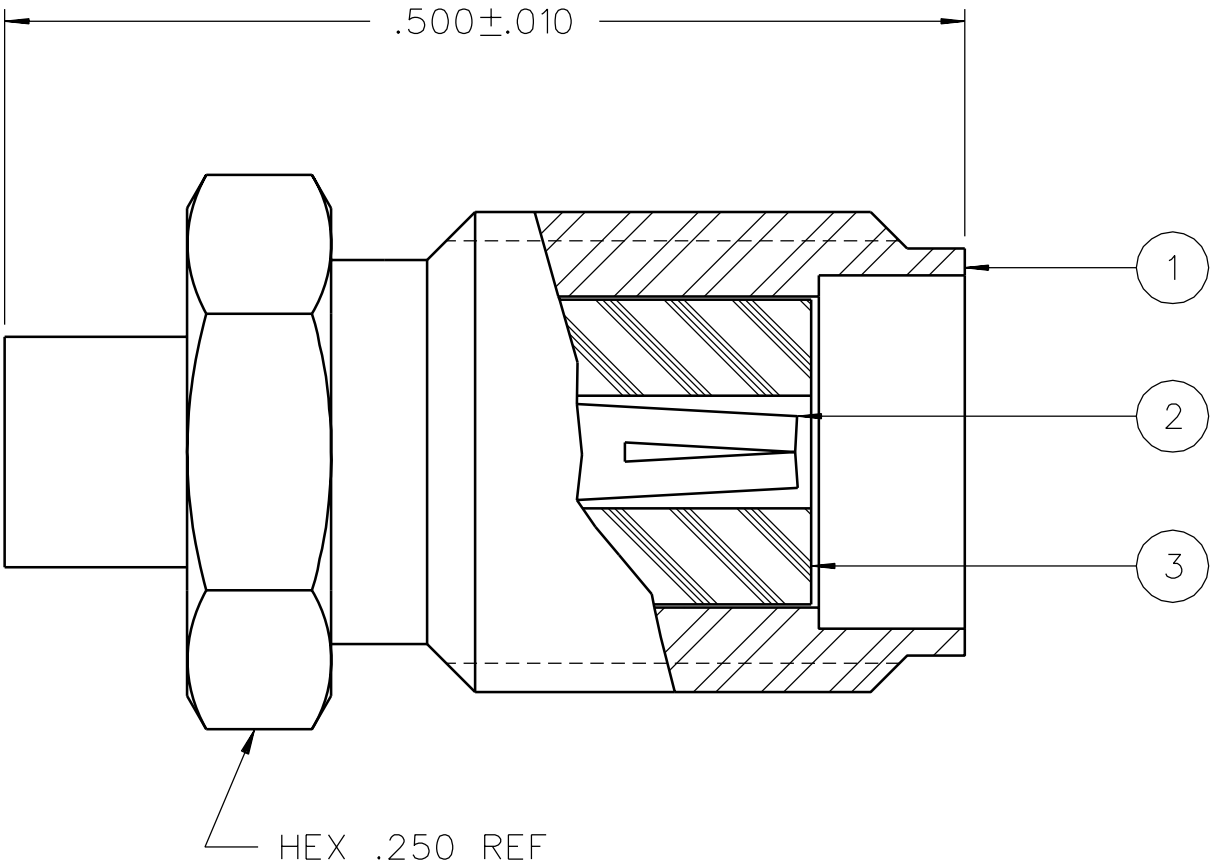
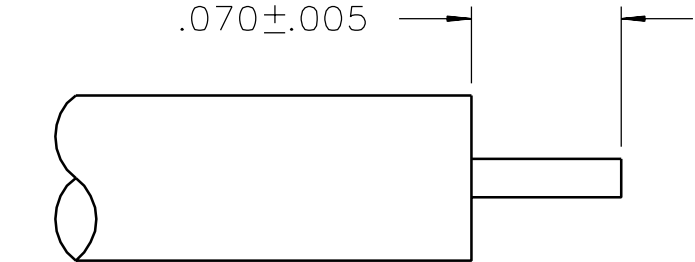


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0593-001	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



- NOTES:
1. SPECIFICATIONS:
- IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-26.5 GHZ
VSWR: 1.07±.008F MAX (F IN GHZ) (0-18 GHZ), 1.35 MAX (18-26.5 GHZ)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 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: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .03√F (F IN GHZ) AT 10 GHZ
RF LEAKAGE: -90 DB MIN AT 2.5 GHZ
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 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 405 DIA .086 SEMIRIGID
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: 30 LBS MIN AXIAL FORCE
 16 INCH-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°C TO 165°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



CABLE STRIP DIMENSIONS

DRAWING NO.									
C - 141-0593-001/010									
0	REVISIONS								
ENGINEERING RELEASE									
01	09-18-89	EJ	GL	RJB	AW			10-05-89	ECO 24126
ADDED: 115 C HIGH TEMP TO THERMAL SHOCK SPEC.									
02	06-06-90	EJ	GL	RJB	AW			6-15-90	ECO 24431
CHANGED: 10 GHZ WAS 9-12.4 GHZ DELETED: .424+-010 ADDED: HEX .312 REF									
03	02-25-91	DB	RJB	AW				2-26-91	ECO 24942
DELETED: "COPPER PL .00005 MIN"									
04	08-16-91	DB	RJB	HLM				8-16-91	ECO 40505
CHANGED: FREQ RANGE 0-26.5 GHZ WAS 0-18.0 GHZ, RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5 TO 7.5 MHZ, UPDATED GRAPHICS									
5	3-15-94	RH	SWC	TA	RJB	PAH		4-5-94	ECO 42354
VERSION UPDATE									
***** REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. * *****									
5a	1-31-95	RH	RJB					ECN 43175	
GRAPHICS & VERSION UPDATE									
6	12-15-05	PA	SB	PD	W			5-12-06	ECN 50067

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY Bedney	DATE 2-16-89	Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY	DATE		
.XXX		APPROVED BY GLD/RJB	DATE 9-28-89	TITLE JACK ASSEMBLY STRAIGHT CABLED SMA, RG 405	
MATL		RELEASE DATE	10-5-89		
FINISH		U/M	INCH	SCALE 10:1	SHEET 2 OF 2
DRAWING NO. C - 141-0593-001/010					