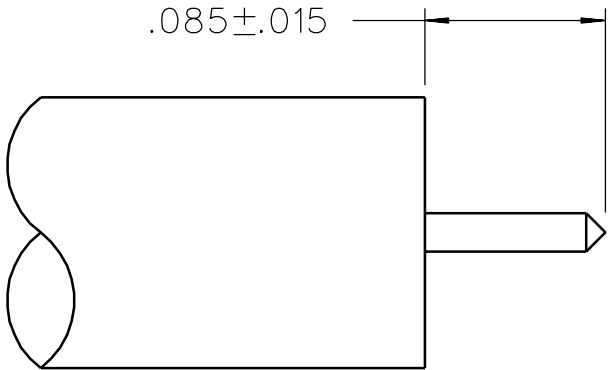
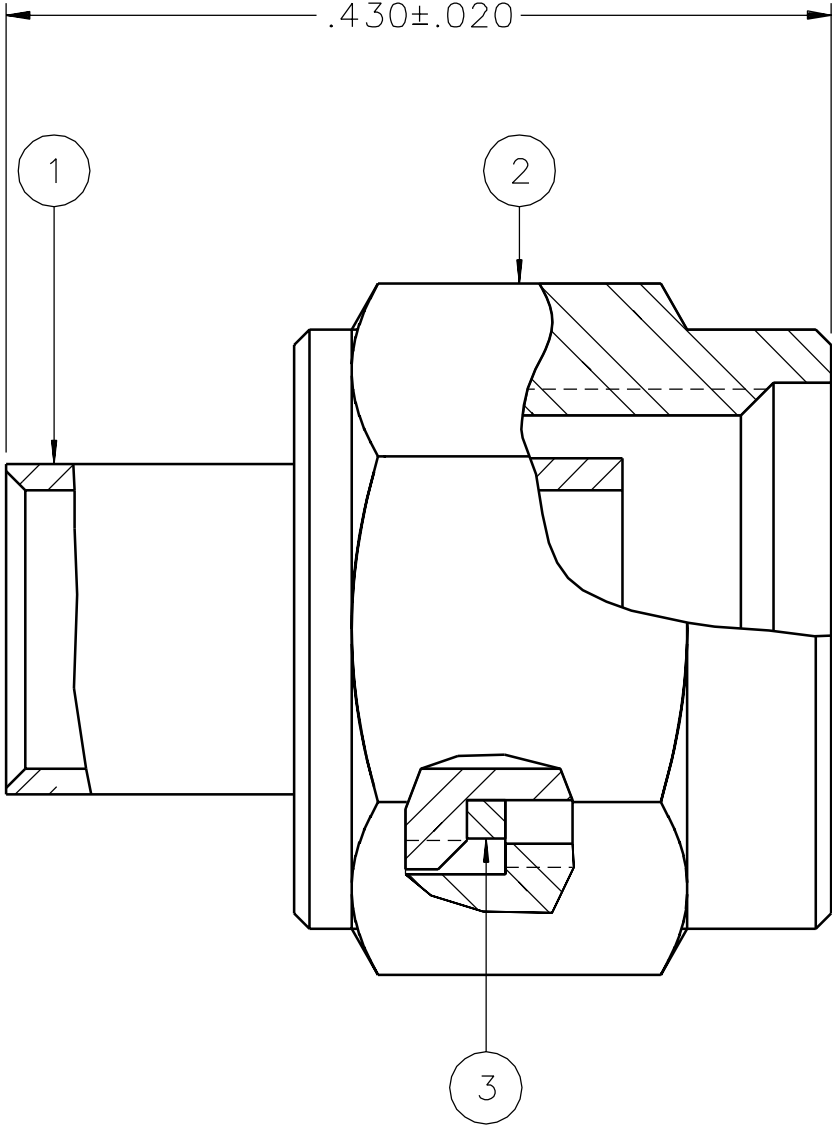


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ GASKET
141-0694-011	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	SILICONE RUBBER
141-0694-012	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL PASSIVATED	SILICONE RUBBER



CABLE STRIP DIMENSIONS



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHZ
VSWR: 1.035+.005 F MAX (F IN GHZ)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: NOT APPLICABLE
INSULATION RESISTANCE: NOT APPLICABLE
CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL NOT APPLICABLE
 AFTER ENVIRONMENTAL NOT APPLICABLE
 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: .03VF MAX (F IN GHZ) AT 16 GHZ
RF LEAKAGE: -60 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: 15 IN-LBS MIN
COUPLING NUT RETENTION: 60 LBS MIN
CONTACT RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 402, DIA .141 SEMIRIGID
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: 60 LBS MIN AXIAL FORCE
 55 INCH-OUNCE MIN TORQUE
DURABILITY: 100 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B,
 EXCEPT 115 DEG 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 - 141-0694-011/020				
0		REVISIONS							
ENGINEERING RELEASE									
01		09-17-89		E	J	G	R	A	10-05-89
				J	C	D	J	B	ECO 24123
ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC. MOISTURE SPEC. GASKET.									
02		02-26-90		E	J	G	R		3-21-90
				J	C	D	J	B	ECO 24399
CHANGED: 335 VRMS WAS 500 VRMS, 15.5 TO 18GHZ WAS 9 TO 12.4 GHZ, 100 CYCLES WAS 50 CYCLES. ADDED: .430 +- .020									
03		02-22-91		D		R	J	A	2-26-91
				B		B	J	W	ECO 24966
DELETED: "COPPER PL .00005 MIN" FROM ITEMS 1 & 2 CHANGED: INSERTION LOSS @ 16 GHZ WAS 15.5 TO 18, LEAKAGE @ 2.5 GHZ WAS 2-3, HIGH POT @ 4 AND 7 MHZ WAS 5-7.5									
4		11-27-91		R		T	R		
				H		A	J	B	ECO 40700
UPDATE GRAPHICS									
5		12-14-05		P		S	J	P	4-3-06
				A		B	R	D	ECN 50059

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY 		DATE 2-15-89		 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	mm _____	CHECKED BY GLD	DATE 9-28-89				
.XXX ±.003		APPROVED BY RJB		DATE 9-29-89		TITLE PLUG ASSEMBLY, STRAIGHT CABLED THREAD ON NUT SMA, RG 402	
MATL _____		RELEASE DATE 10-5-89					
FINISH _____		U/M INCH		SCALE 10:1		SHEET 2 OF 2	DRAWING NO. C - 141-0694-011/020