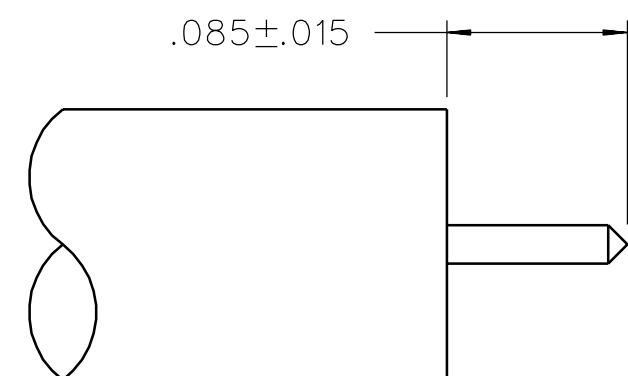
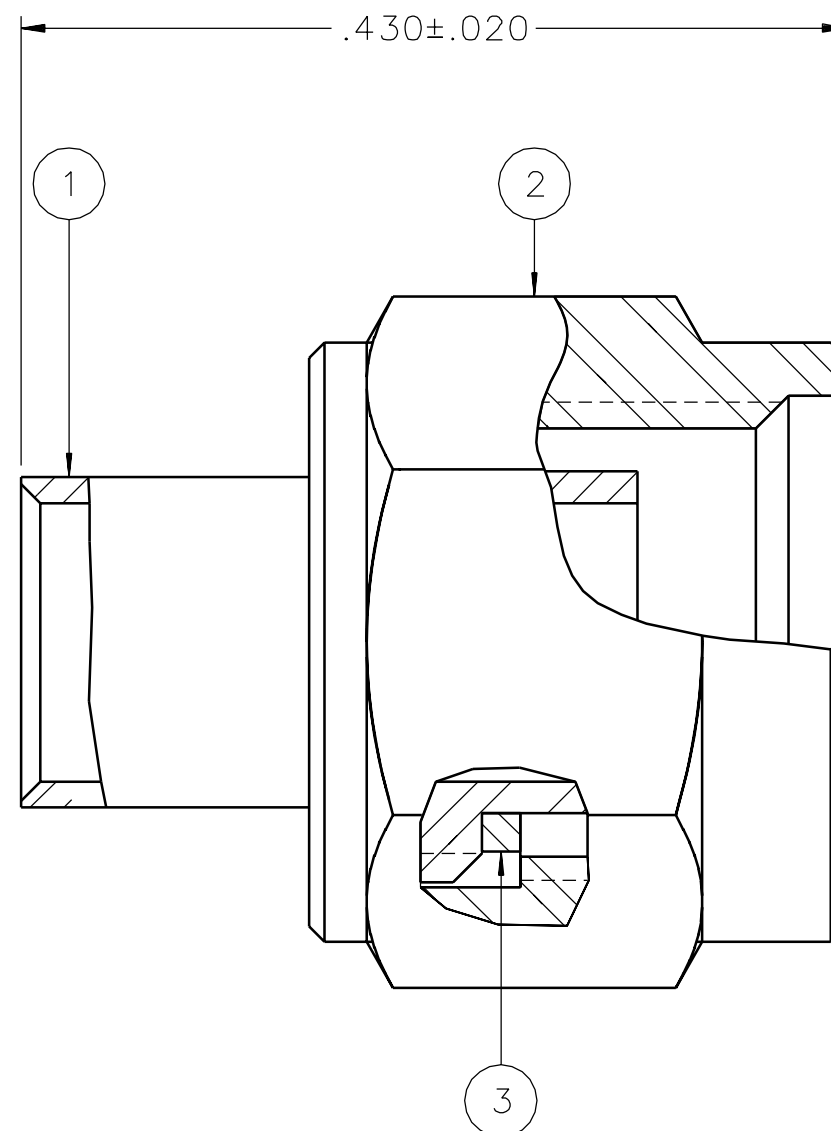


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ GASKET
141-0694-011	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	SILICONE RUBBER
141-0694-012	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL 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 L	R J	A W	10-05-89
						ECO 24123

ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC. MOISTURE SPEC. GASKET.

02	02-26-90	E J	G L	R J	A W	3-21-90
						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 B	R J	A W		2-26-91
						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, HIGHPOT @ 4 AND 7 MHZ WAS 5-7.5

4	11-27-91	R H	T A	R J		ECO 40700

UPDATE GRAPHICS


5	12-14-05	P A	S B	J R	P D	4-3-06
						ECN 50059

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	 <b>Cinch</b> <small>CONNECTIVITY SOLUTIONS</small> <small>a bel group</small>	Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	<b>Bedney</b>	2-15-89		TITLE	PLUG ASSEMBLY, STRAIGHT CABLED THREAD ON NUT SMA, RG 402
.XX		CHECKED BY	DATE	SHEET	DRAWING NO.	
.XXX ±.003		GLD	9-28-89			2 OF 2
MATL		APPROVED BY	DATE			
		RJB	9-29-89			
FINISH		RELEASE DATE	10-5-89			
		U/M INCH	SCALE 10:1			