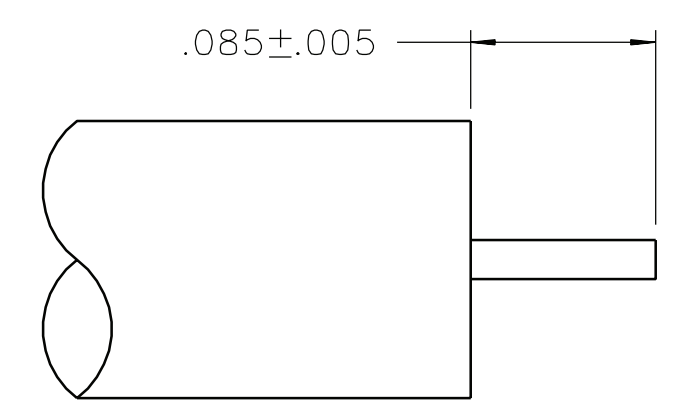
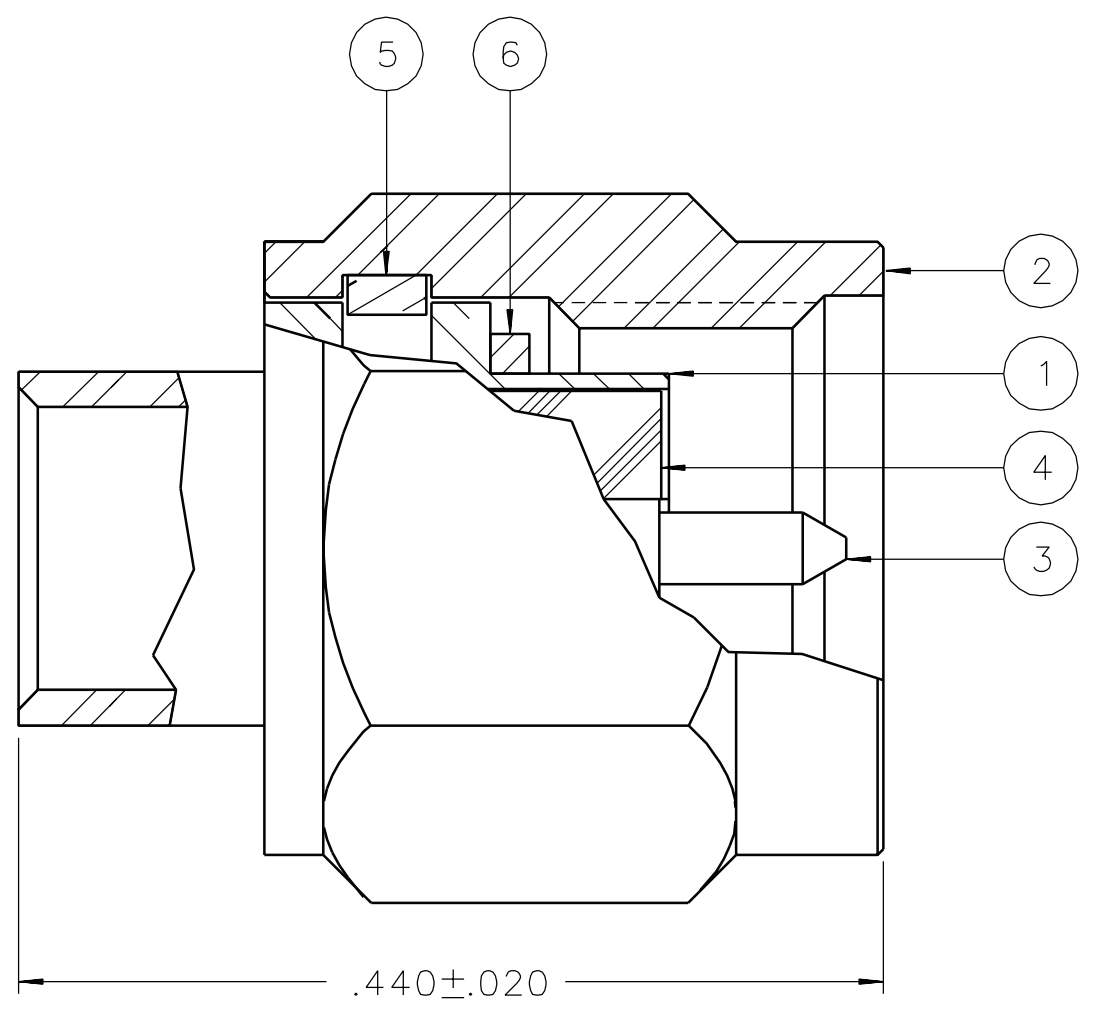


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING	ITEM ⑥ GASKET
141-0694-001	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	SILICONE RUBBER
141-0694-002	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL PASSIVATED	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	SILICONE RUBBER

DRAWING NO. C - 141-0694-001/010	
0	REVISIONS
ENGINEERING RELEASE	
01	09-17-89 E J B J A W 10-05-89 ECO 24124
ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC. GASKET.	
02	02-26-90 E J B J A W 3-21-90 ECO 24398
CHANGED: 10 GHZ WAS 9 TO 12.4 GHZ. DELETED: .331+-.010	
03	11-19-90 R H B J A W 11-26-90 ECO 24965
DELETED: "COPPER PL .00005 MIN" FROM ITEMS 1 AND 2	
4	7-28-91 R H B J A W ECO 40521
GRAPHICS & VERSION UPDATE	
5	12-15-05 P A T B J D W 4-18-06 ECN 50072
FREQ. SPEC 26.5 GHZ WAS 18 GHZ	
***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****	
5a	9-21-06 P A T B J A K 12-4-06 ECN 50732



CABLE STRIP DIMENSIONS

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-26.5 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√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: 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 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 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

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY Bedney	DATE 2-14-89	 Cinch CONNECTIVITY SOLUTIONS a bel group	Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS mm	CHECKED BY GLD	DATE 9-28-89		TITLE PLUG ASSEMBLY, STR CABLED-SMA, RG 402	
.XX _____	APPROVED BY RJB	DATE 9-29-89	SHEET 2 OF 2		
.XXX _____	RELEASE DATE 10-5-89	SCALE 10:1	DRAWING NO. C - 141-0694-001/010		
MATL _____	U/M INCH				
FINISH _____					