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	EJ	GLD	RJB	AAW		10-05-89 ECO 24124
ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC. GASKET.							
02	02-26-90	EJ	GLD	RJB	AAW		3-21-90 ECO 24398
CHANGED: 10 GHZ WAS 9 TO 12.4 GHZ. DELETED: .331+-.010							
03	11-19-90	RH	RJB	AAW			11-26-90 ECO 24965
DELETED: "COPPER PL .00005 MIN" FROM ITEMS 1 AND 2							
4	7-28-91	RH	RJB				ECO 40521
GRAPHICS & VERSION UPDATE							
5	12-15-05	PAT	SBD	RJB	PDW		4-18-06 ECN 50072
FREQ. SPEC 26.5 GHz WAS 18 GHz							
5a	9-21-06	PAT	SBD	TAK			12-4-06 ECN 50732

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* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *
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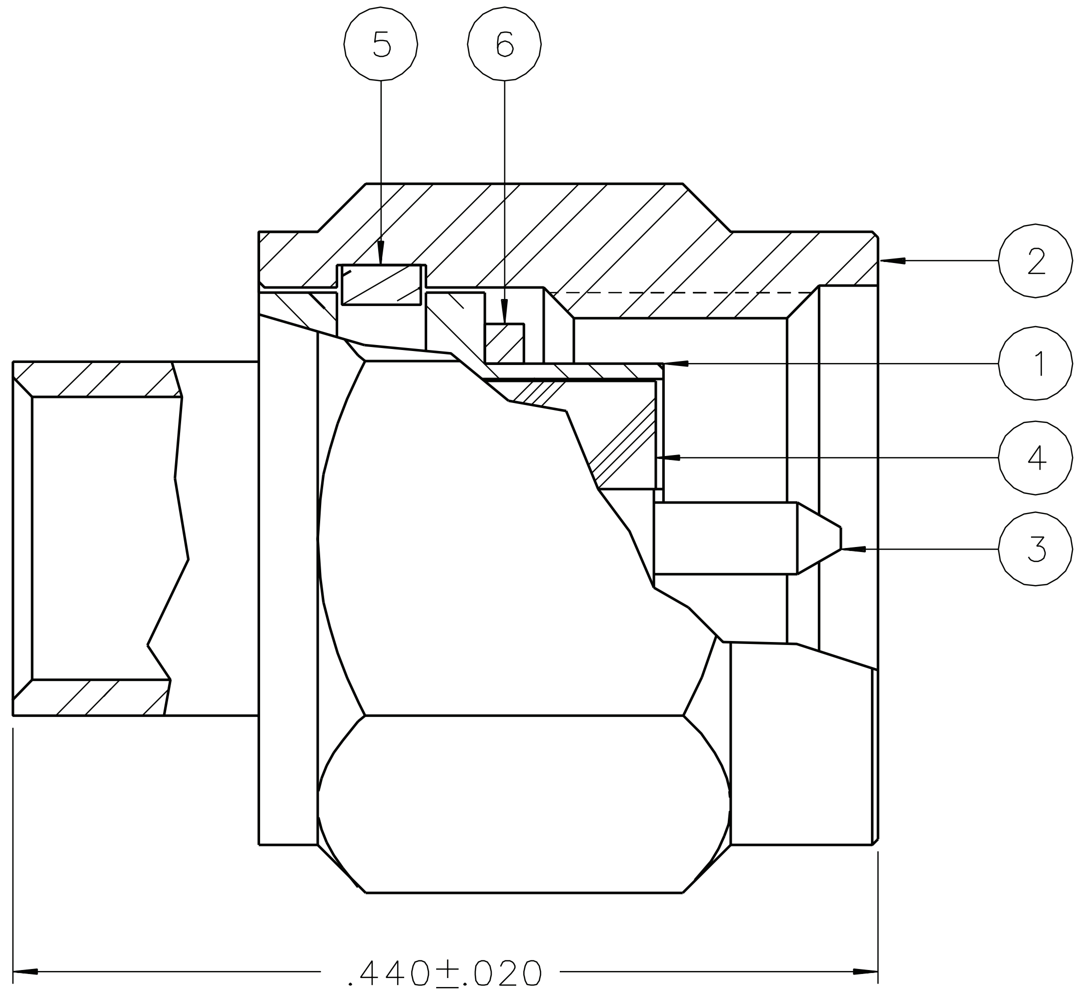

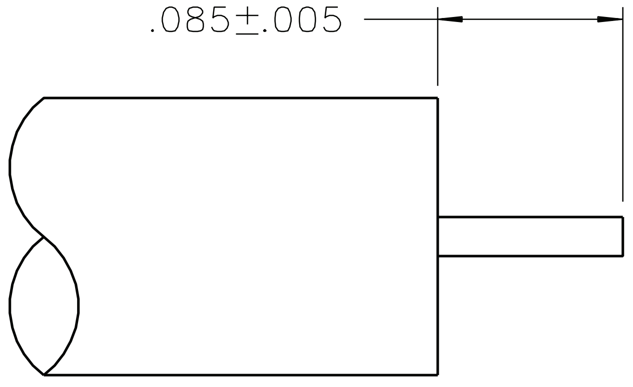

CABLE STRIP DIMENSIONS

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 .XX ____ mm ____	CHECKED BY GLD	DATE 9-28-89	TITLE PLUG ASSEMBLY, STR CABLED-SMA, RG 402	
.XXX ____ ____	APPROVED BY RJB	DATE 9-29-89		
MATL ____				
FINISH ____	RELEASE DATE	10-5-89	SHEET 2 OF 2	DRAWING NO. C - 141-0694-001/010
	U/M INCH	SCALE 10:1		