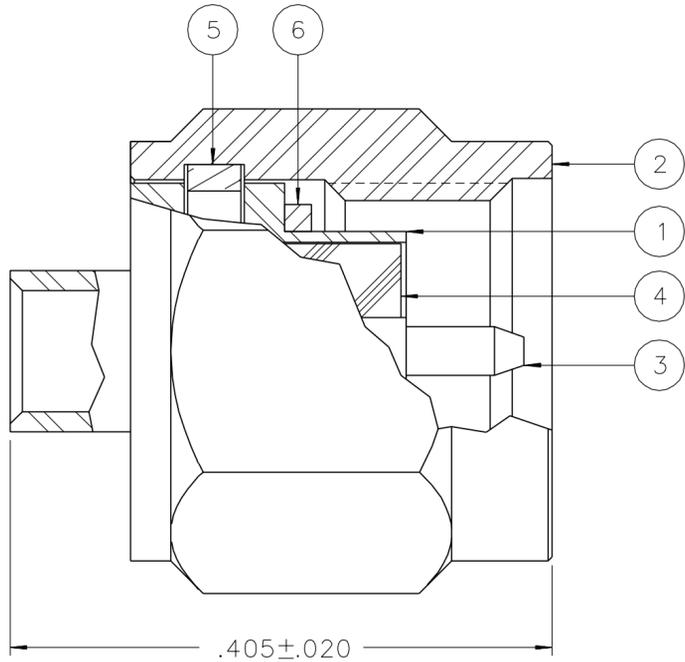


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING	ITEM ⑥ GASKET
141-0693-001	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	SILICONE RUBBER
141-0693-002	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



NOTES:

1. SPECIFICATIONS:

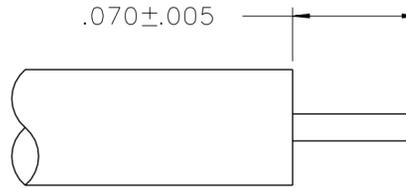
IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-26.5 GHZ
 VSWR: 1.07+.008F MAX (F IN GHZ) (0-18 GHZ). 1.35 MAX (18-26.5 GHZ)
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 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: .03vF (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: 15 IN-LBS MIN
 COUPLING NUT RETENTION: 60 LBS MIN
 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 - 141-0693-001/010

REVISIONS	ENGINEERING RELEASE
0	
01	01-15-90 E J L B R J A W 01-16-90 ECO 24292 ADDED: 115 DEG C HIGH TEMP TO THERMAL SHOCK SPEC. GASKET.
02	02-26-90 E J L B R J A W 3-21-90 ECO 24397 CHANGED: 10 GHZ WAS 9 TO 12.4 GHZ. DELETED: .296+- .010
03	11-20-90 R H J B R A W 11-26-90 ECO 24964 DELETED: "COPPER PL .00005 MIN FROM ITEMS 1 AND 2 CHANGED: LEAKAGE @ 2.5 GHZ WAS 2-3, HIGHPOT @ 4 AND 7 MHZ WAS 5-7.5
4	11-27-91 R H J B R A W 12-30-91 ECO 40697 CHANGED: FREQUENCY RANGE 0-26.5 GHZ WAS 0-18 GHZ ADDED: (0-18 GHZ), 1.35 MAX (18-26.5 GHZ) TO VSWR SPEC ***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. * *****
4a	2-28-94 R H J B R A W ECO 42328

GRAPHICS & VERSION UPDATE

5	12-12-05 P A T S R J P D B D J W 4-18-06 ECN 50041
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CUSTOMER DRAWING

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

"μ STATION"

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	DATE		TITLE PLUG ASSEMBLY, STRAIGHT CABLED, SMA, RG 405
.XX _____	APPROVED BY RJB/GLD	DATE 1-15-90	SHEET 2 OF 2	DRAWING NO. C - 141-0693-001/010
.XXX _____	RELEASE DATE 1-16-90	SCALE 10:1		
MATL _____	U/M INCH			
FINISH _____				