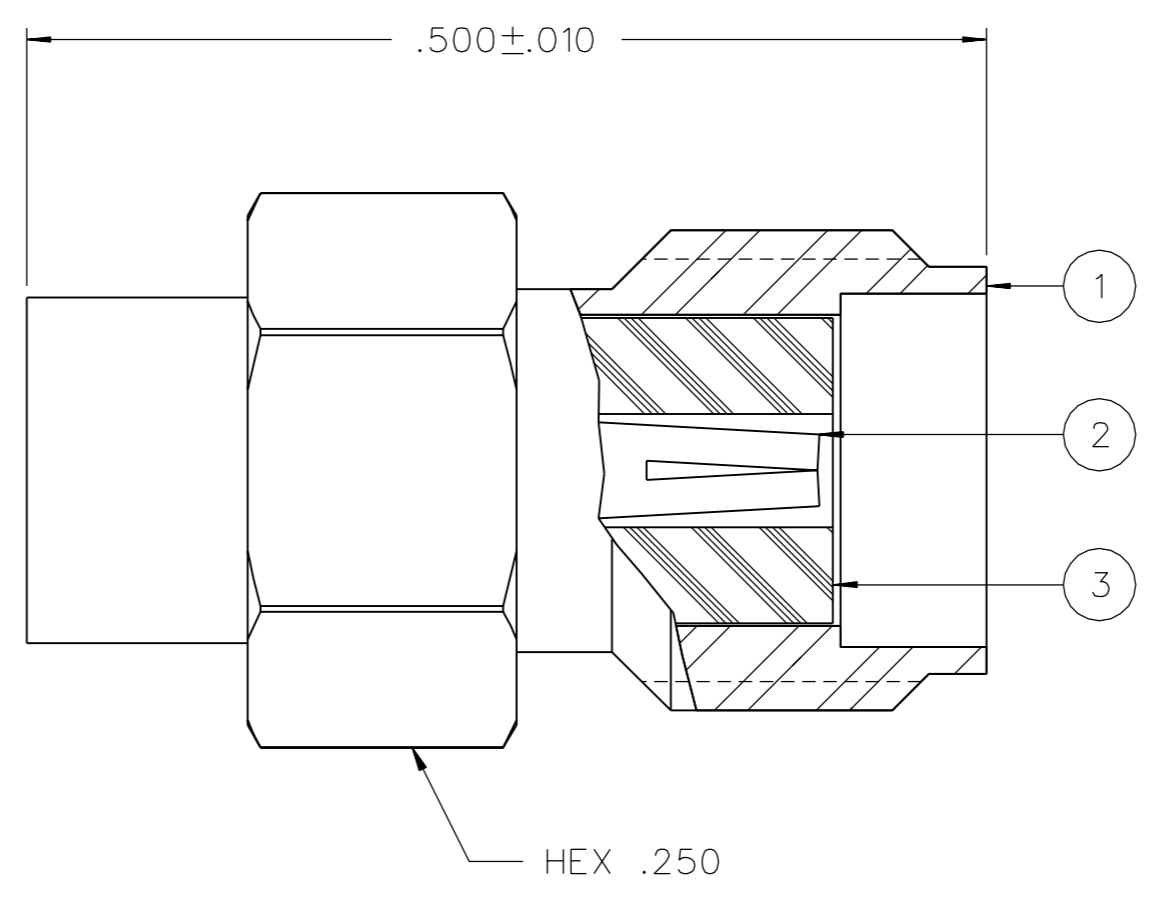
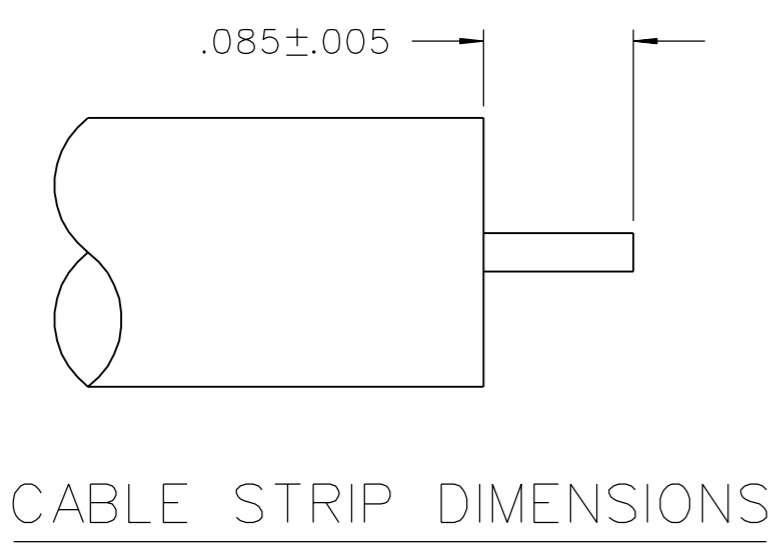


PART NUMBER 141-0594-001	ITEM ① BODY STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	ITEM ② CONTACT BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ③ INSULATOR TEFLON
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DRAWING NO. C - 141-0594-001/010			
0 REVISIONS			
ENGINEERING RELEASE			
01	09-17-89	E J	G L D J A W
ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC.			
02	06-06-90	E J	G L D J A W
CHANGED: IN SPECS 10 GHZ WAS 9-12.4 GHZ DELETED: .424+- .010 ADDED: HEX .312			
3	1-8-91	R H	R J B
DELETED: "COPPER PL .00005 MIN"			
4	8-20-91	D B	R J B
GRAPHICS & VERSION UPDATE HEX .250 WAS HEX..312			
5	12-19-05	P A T	S B D W
5-12-06 ECN 50102			



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-18.0 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: NOT APPLICABLE
 COUPLING NUT RETENTION: NOT APPLICABLE
 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° 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	DATE		TITLE JACK ASSEMBLY, STRAIGHT CABLED- SMA, RG 402	
.XX _____	APPROVED BY RJB/GLD	DATE 9-29-89	SHEET 2 OF 2	DRAWING NO. C - 141-0594-001/010	
.XXX _____	RELEASE DATE	10-5-89			
MATL _____	U/M	INCH	SCALE	10:1	
FINISH _____					