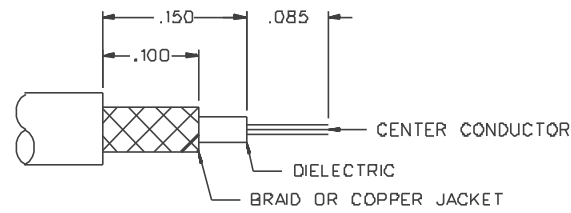
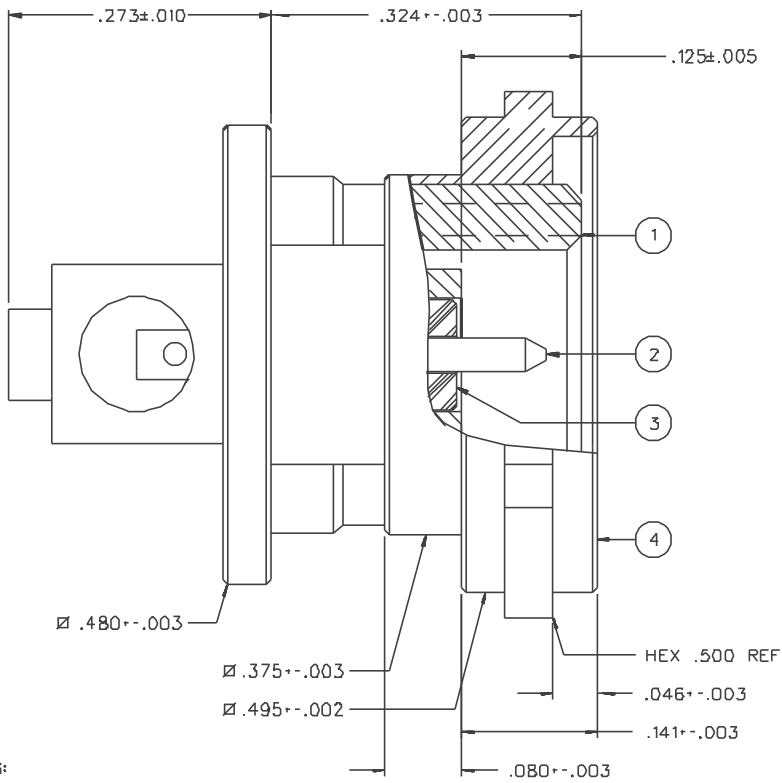
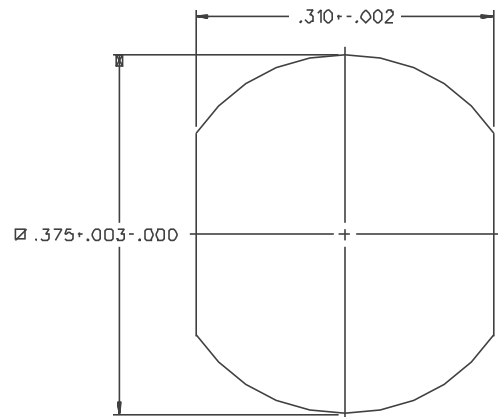


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR TEFLON	ITEM ④ NUT
142-DB01-421	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN		BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



SUGGESTED CABLE STRIP DIMENSIONS



MOUNTING HOLE

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-4.0 GHZ
 VSWR: NOT APPLICABLE
 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
 BRAID TO BODY - NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: NOT APPLICABLE
 RF LEAKAGE: NOT APPLICABLE
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 IN LBS
 COUPLING NUT RETENTION: NOT APPLICABLE
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 CABLE ACCEPTABILITY: RC 17B, RC 19B, DIA .047 SEMIRIGID
 CABLE HEX CRIMP SIZE: NOT APPLICABLE
 CABLE RETENTION: NOT APPLICABLE
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 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: ML-STD-202, METHOD 204, CONDITION D

DRAWING NO.		C - 142-0801-421/430	
0		REVISIONS	
ENGINEERING RELEASE			
01	11-10-88	E J R A W	12-01-88 ECO 23700
ADDED: .371±.010, .186±.003, .187 MAX PANEL THICKNESS DELETED: .695 REF, DIA .200 REF CHANGED: .324±.003 WAS .309 REF, .132±.003 WAS .132 REF, DIA .480±.003 WAS 480 REF			
02	10-17-89	E J R A W	10-24-89 ECO 24162
ADDED: DIA .375±.003, DIA .495±.003, .141±.003, .080±.003, .046±.003 DELETED: .187 MAX PANEL THICKNESS, .186±.003 CHANGED: "DD" MOUNTING HOLE WAS "D", .310±.002 WAS .346±.003, DIA .375±.003±.000 WAS .381±.003.			
03	02-26-90	E J R A W	3-7-90 ECO 24438
CHANGED: RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ			
4	2-24-93	R H K B H	3-2-93 ECO 41645
UPDATED GRAPHICS			
5	2-9-94	R H K B H	2-16-94 ECO 41645
VERSION UPDATE			
* REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFICATION * * CAUTION ON PART NUMBER ADDITION ONLY *			
50	4-22-98	R H K B H	ECN 45503

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSIZ Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	JOHNSON® <small>Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 02093 1-800-247-8256</small>	
DECIMALS	mm	EJ	8-23-88	TITLE	ASSEMBLY ANTENNA CONNECTOR SMA
.XX		CHECKED BY	DATE	CODE NO.	
.XXX REF		TAK	11-18-88	DRAWING NO.	C - 142-0801-421/430
MATL		APPROVED BY	DATE	SCALE	10:1
FINISH		RJB	11-21-88	U/M INCH	SHEET 2 OF 2
		RELEASE DATE	12-1-88		