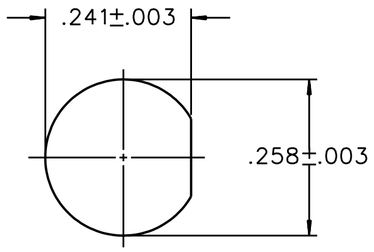
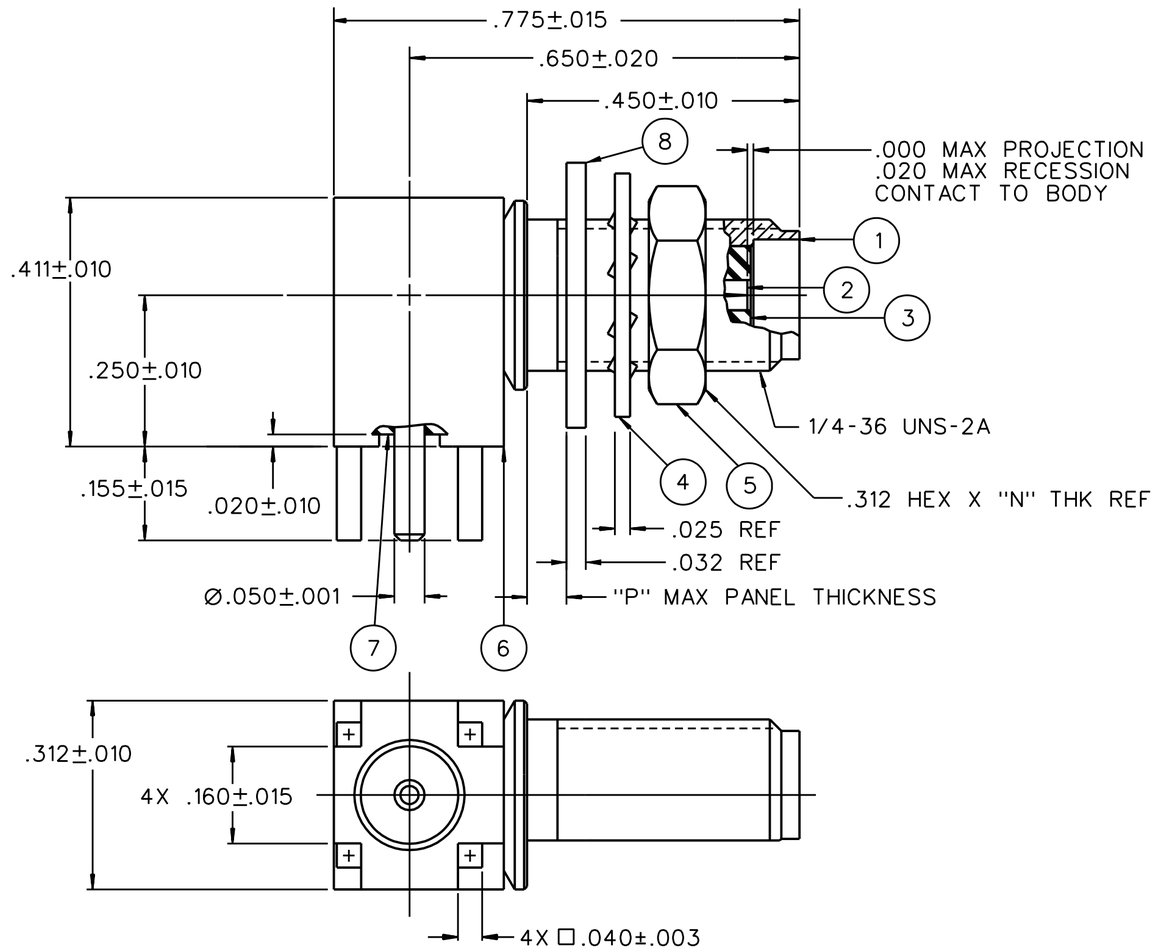
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT (ONE PIECE)	ITEM ③ BODY INSULATOR	ITEM ④ LOCK WASHER	ITEM ⑤ NUT	ITEM ⑥ BASE	ITEM ⑦ BASE INSULATOR	ITEM ⑧ FLAT WASHER	"N"	"P"
142-0701-501	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRONZE GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	———	.094	.109
142-0701-502	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	———	———	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	———	.094	.109
142-0701-503	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	———	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	.063	.125
142-0701-505	BRASS GOLD FLASH	BERYLLIUM COPPER GOLD FLASH	TEFLON	———	BRASS GOLD FLASH	BRASS GOLD FLASH	TEFLON	BRASS GOLD FLASH	.063	.125
142-0701-506	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	———	.094	.109
142-0701-507	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	———	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	.063	.125
142-0701-508	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	.094	.072



MOUNTING HOLE



MOUNTING HOLE LAYOUT

NOTES:

1. SPECIFICATIONS:
   - IMPEDANCE: 50 OHMS
   - FREQUENCY RANGE: 0-18 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 MIN

   MECHANICAL:
   - ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
   - MATING TORQUE: 7-10 INCH POUNDS
   - COUPLING PROOF TORQUE: NOT APPLICABLE
   - COUPLING NUT RETENTION: NOT APPLICABLE
   - CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
   - CABLE ACCEPTABILITY: NOT APPLICABLE
   - CABLE HEX CRIMP SIZE: NOT APPLICABLE
   - CABLE RETENTION: NOT APPLICABLE
   - DURABILITY: 500 CYCLES MIN

   ENVIRONMENTAL:
   - (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-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: MIL-STD-202, METHOD 204, CONDITION D
   - MOISTURE RESISTANCE: MIL STD 202, METHOD 106

DRAWING NO. C - 142-0701-501/510

0	REVISIONS								
	WAS P/N 030-3362-579 ENGINEERING RELEASE								
01	03-15-89	EJ	RJB	AW			04-12-89 ECO 23895		
	VERSION UPDATE.								
02	09-14-89	EJ	JCN	RJB	AW		09-19-89 ECO 24146		
	VERSION UPDATE.								
03	09-14-89	EJ	JCN	TAK	AW		10-25-89 ECO 24177		
	VERSION UPDATE.								
4	9-6-91	RH	PNA	TAK	RJB	HEM	10-11-91 ECO 40551		
	CHANGED: .775+-.015 WAS .837+-.015, .312+-.010 WAS DIA .375+-.010, 4X □.040+-.003 WAS 4X .040+-.003, RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ								
5	9-29-92	RH	TAK	RJB	PAH		10-6-92 ECO 41206		
	CHANGED: .411+-.010 WAS .406+-.010								
6	9-14-94	RH	RJB	PAH			9-27-94 ECN 46271		
	ADDED: P/N 142-0701-502								
6a	2-17-97	RH	RJB	BA			ECN 44649		
	CHANGED: ITEM 4 LOCKWASHER BRONZE WAS BRASS, .094 THK REF WAS .063 THK REF, .025 REF WAS .032 REF, .109 MAX PANEL THICKNESS WAS .125 MAX PANEL THICKNESS, UPDATED GRAPHICS								
7	12-4-02	RH	RJB				ECN 47942		
	ADDED: P/N 142-0701-503, TABULATED DIMENSIONS "N", "P" & "W" ********** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * **********								
7a	5-8-03	RH	RJB				ECN 48803		
	ADDED: P/N 142-0701-507 ********** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * **********								
7b	12-3-03	RJB					12-15-03 ECN 49089		
	ADDED: P/N 142-0701-508 ********** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * **********								
7c	10-21-04	RJB					11-2-04 ECN 49495		
	ADDED: P/N 142-0701-505								
7d	4-25-14	CWW	JDM	RJB	MJU		4-25-14 ECO 54984		
008	5-24-17	CWW	DC	ES	NM		5-24-17 ECO 56740		

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS / mm .XX ——— ——— .XXX ——— ——— MATL ——— FINISH ———	DRAWN BY Bedney	DATE 3-1-89	cinch CONNECTIVITY SOLUTIONS a bel group P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
	CHECKED BY	DATE	TITLE JACK ASSEMBLY, RA PC MOUNT BULKHEAD SMA
	APPROVED BY RJB	DATE 3-15-89	
	RELEASE DATE 10-25-89		SHEET 2 OF 2
	U/M INCH	SCALE 5:1	DRAWING NO. C - 142-0701-501/510

Please read our datasheet & drawing disclaimer here.