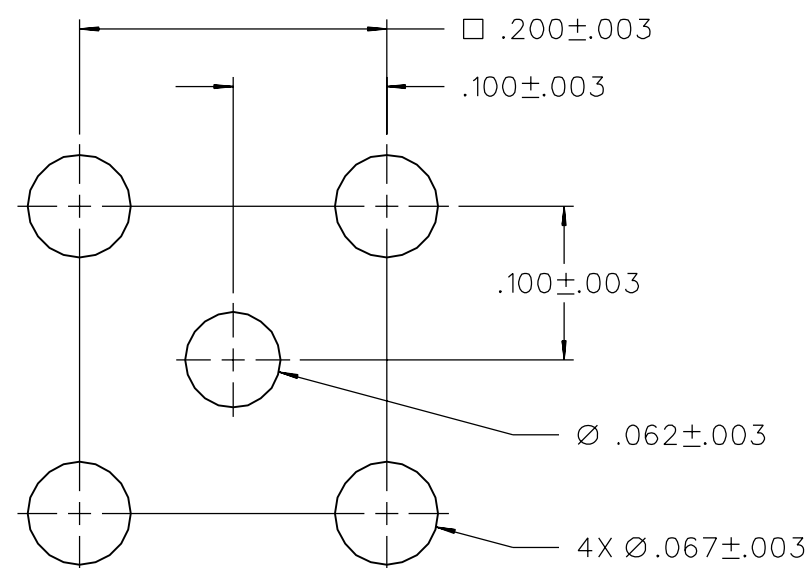
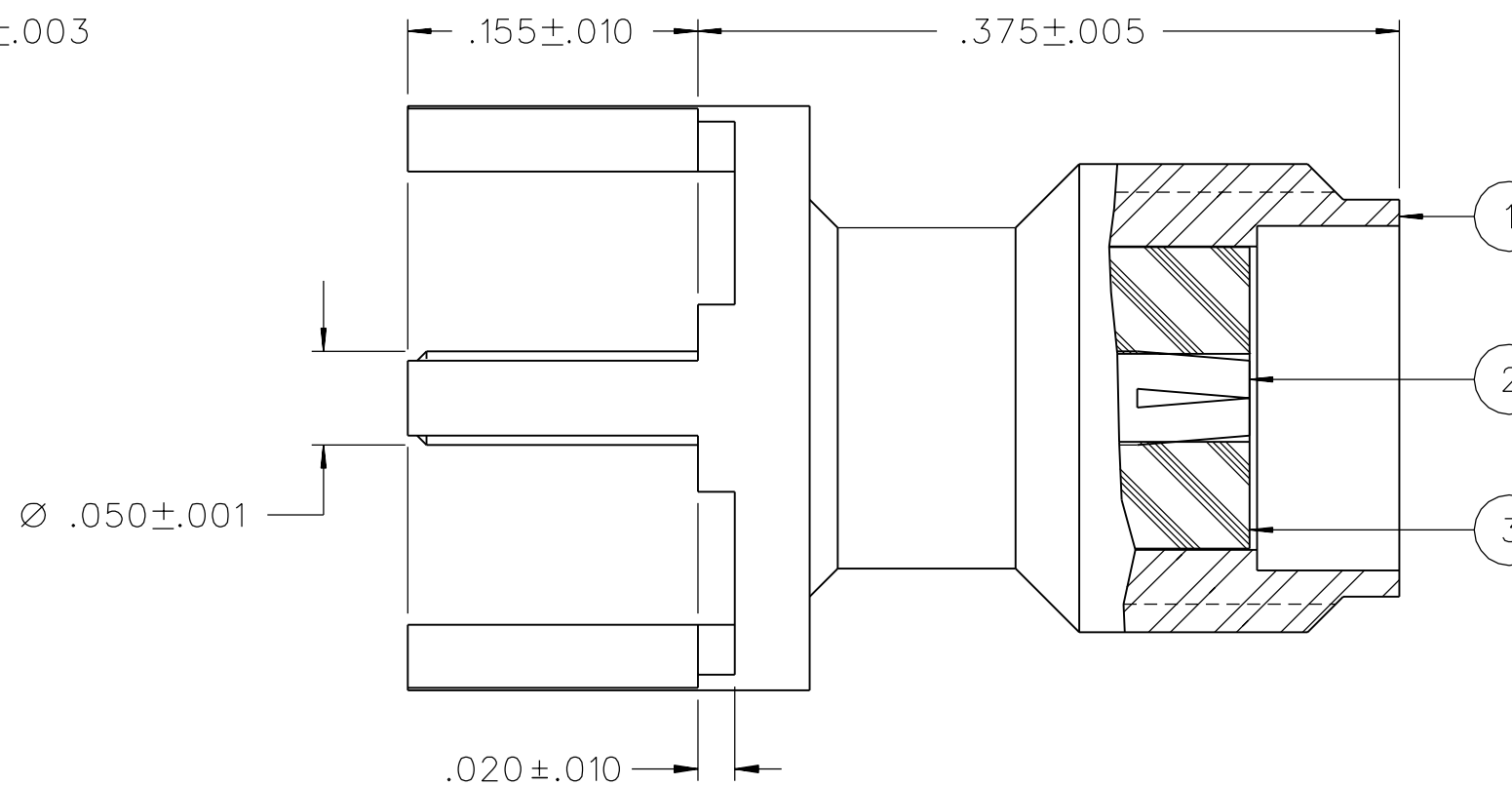
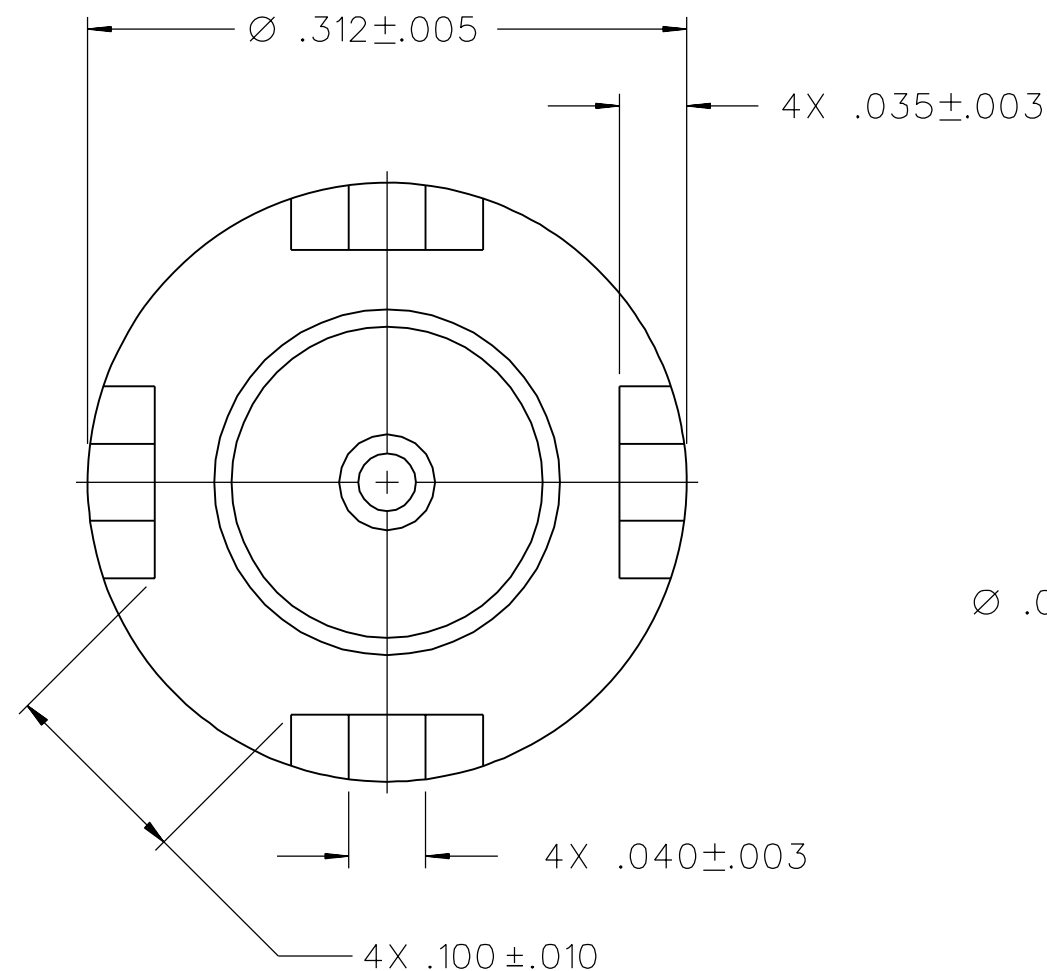


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0701-201	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
141-0701-202	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFZEL



MOUNTING HOLE LAYOUT

8:1

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 MIN AT 5 MHz

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
 4 IN-OZ MIN RADIAL TORQUE
 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 - 141-0701-201/210	
0 REVISIONS			
ENGINEERING RELEASE			
01	11-01-89	EJ GLD RJB AW	11-21-89 ECO 24206
CHANGED: .541+-0.010 WAS .546+-0.015. .375+-0.005 WAS .375+-0.015.			
02	02-27-90	EJ GLD RJB AW	03-07-90 ECO 24386
ADDED: EXCEPT 125° HIGH TEMP TO THERMAL SHOCK. DELETED: .541+-0.010. CHANGED: 0-18 GHz WAS 0-8.			
03	04-11-90	EJ RJB AW	4-16-90 ECO 24532
ADDED: .100+-0.003 TO MOUNTING HOLE LAYOUT. DELETED: .125° C HIGH TEMP FROM THERMAL SHOCK SPEC. CHANGED: 4X .035+-0.003 WAS 4X .035+-0.005. 4X .040+-0.003 WAS 4X .040+-0.005. +-0.003 ON DIMS IN MOUNTING HOLE LAYOUT WERE +.000-0.005. 5 MHz WAS 5 MHz MIN IN RF HIGH POT SPEC.			
04	05-22-90	EJ RJB AW	6-6-90 ECO 24655
ADDED: .020+-0.010. 4X .100+-0.010. CHANGED: UPDATED GRAPHICS.			
5	7-9-90	EJ RJB AW	7-16-90 ECO 24755
VERSION UPDATE			
6	9-6-90	EJ RJB AW	9-5-90 ECO 24868
ADDED: P/N 142-0701-202 ***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. * *****			
6a	5-29-97	RH RJB	ECN 44730
VERSION UPDATE			
7	2-1-06	PS ATD BJR KDW	4-3-06 ECN 50240

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 9-12-89	 Cinch CONNECTIVITY SOLUTIONS a bel group	Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS	CHECKED BY GLD	DATE 11-9-89		TITLE JACK ASSEMBLY STRAIGHT PC MOUNT SMA
.XX	APPROVED BY RJB	DATE 11-20-89	SHEET 2 OF 2	DRAWING NO. C - 141-0701-201/210
.XXX ±.003	RELEASE DATE 11-21-89	SCALE 10:1		
MATL	U/M	INCH		
FINISH				