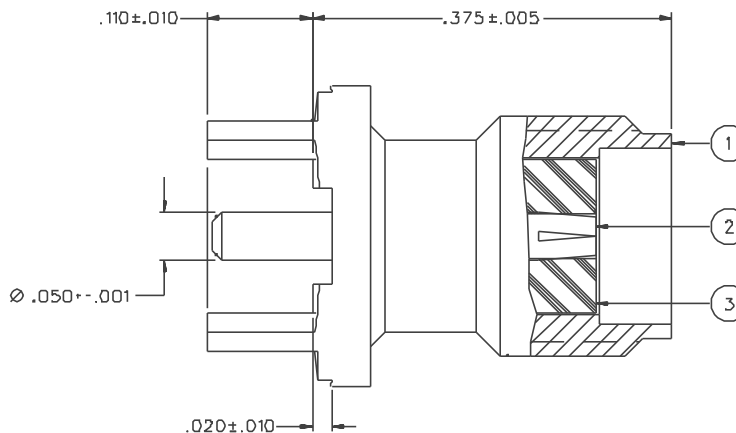
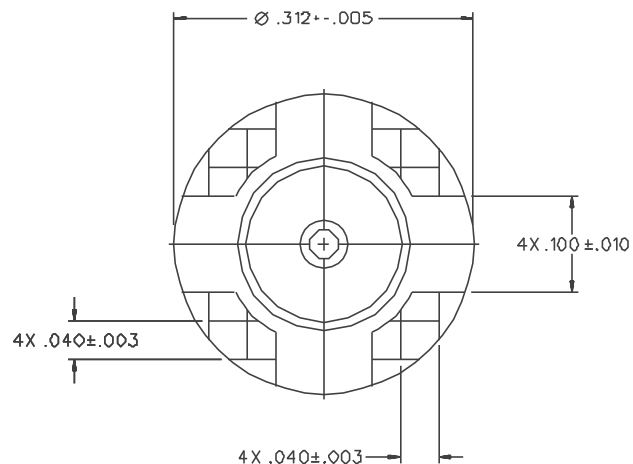


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	CONTACT
142-D7D1-231	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	
142-D7D1-235	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	△
142-D7D1-236	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	



NOTES:

1. SPECIFICATIONS:

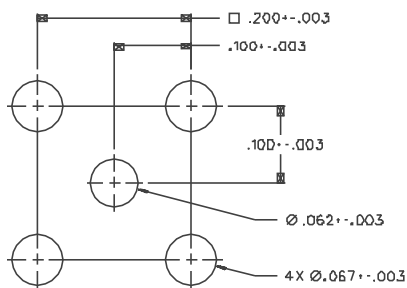
IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-18 GHz  
 VSWR: NOT APPLICABLE  
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL  
 INSULATION RESISTANCE: 5000 MEGOHM MIN  
 CONTACT RESISTANCE:  
 CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 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 4 AND 7 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-39D12}  
 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  
 MOISTURE SEAL: EFJ DD3-6000-501



MOUNTING HOLE LAYOUT

8:1

CONNECTOR MOUNTING LEADS 60%/40% TIN/LEAD DIPPED (SOLDER PLATE)

DRAWING NO.

C - 142-0701-231/240

0 REVISIONS

ENGINEERING RELEASE

1 9-16-92 R H J B R S 9-25-92 ECO 41247

CHANGED: UPDATED GRAPHICS, CONTACT GOLD PL .00005 WAS .00003

1a 6-6-94 R H J B R S ECN 42501

VERSION UPDATE

2 2-25-99 R H J B R S ECN 46212

VERSION UPDATE

\* REVISION NUMBER FOLLOWED BY AN ALPHA \*  
 \* CHARACTER INDICATES DRAWING CLARIFICATION \*  
 \* CANNOT ON PART NUMBER ADDITION ONLY \*


2a 10-17-01 R H J B R S ECN 47956

CUSTOMER DRAWING

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

"µSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY VET	DATE 7-10-92	 Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waukegan, IL 60093 1-800-247-8256	
DECIMALS .XX	CHECKED BY	DATE	TITLE JACK ASSEMBLY, STRAIGHT PC MOUNT SMA	
.XXX	APPROVED BY VET	DATE 9-16-92	CODE NO.	DRAWING NO. C - 142-0701-231/240
MATL	APPROVED BY TAK/RJB	DATE 9-22-92	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	9-25-92		