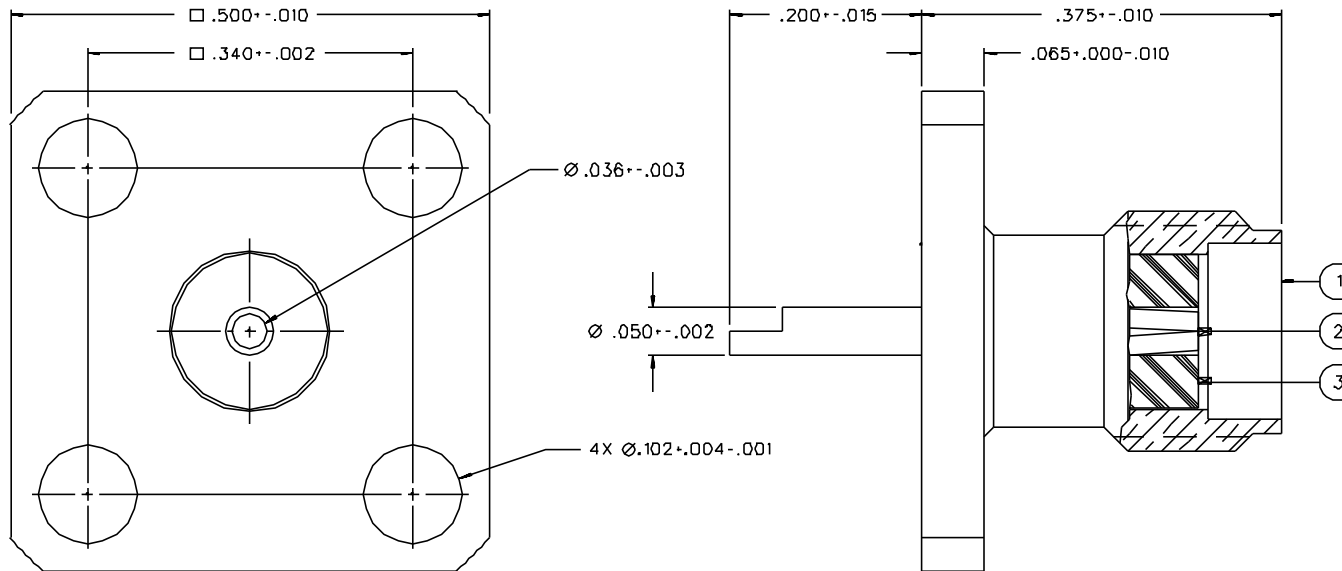


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-D7D1-631	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-D7D1-636	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 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  
 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-C-39012)  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT 700 DEG 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: ML-STD-202, METHOD 204, CONDITION D  
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO.

C - 142-0701-631/640

0 REVISIONS

ENGINEERING RELEASE

01 06-27-88 EJ RRF RJB 6-30-88 ECO 23459

ADDED: MOISTURE RESISTANCE SPEC, HIGH TEMP SPEC TO THERMAL SHOCK  
 CHANGED: UPDATED GRAPHICS  
 .340+-.002 WAS -.D10, DIA .036+-.003 WAS .025+-.003, DIA .021+004-.001 WAS -.003, .065+-.000-.D10 WAS -.D10.

2 7-16-90 [Signature] [Signature] [Signature] [Signature]

CHANGED: DIA .050+-.002 WAS .050+-.001, RF HIGH POT 4 AND 7 MHZ WAS 5

3 3-10-92 R H [Signature] [Signature] [Signature] [Signature] 3-14-92 ECO 40876

CHANGED: UPDATED GRAPHICS

\* REVISION NUMBER FOLLOWED BY AN ALPHA \*  
 \* CHARACTER INDICATES DRAWING CLASSIF. \*  
 \* CATION OR PART NUMBER ADDITION ONLY. \*

3a 8-21-96 R H [Signature] [Signature] [Signature] [Signature] ECN 44137

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	JOHNSON® <small>Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Menasha, WI 54952 1-800-247-8256</small>
DECIMALS	mm	EJ	8-5-87	
.XX		CHECKED BY	DATE	TITLE
.XXX		RRF	6-27-88	JACK ASSEMBLY, FLANGE MOUNT SMA
MATL		APPROVED BY	DATE	CODE NO.
		RJB	6-27-88	DRAWING NO.
FINISH		RELEASE DATE	6-30-88	C - 142-0701-631/640
				SCALE 10:1   U/W INCH   SHEET 2 OF 2