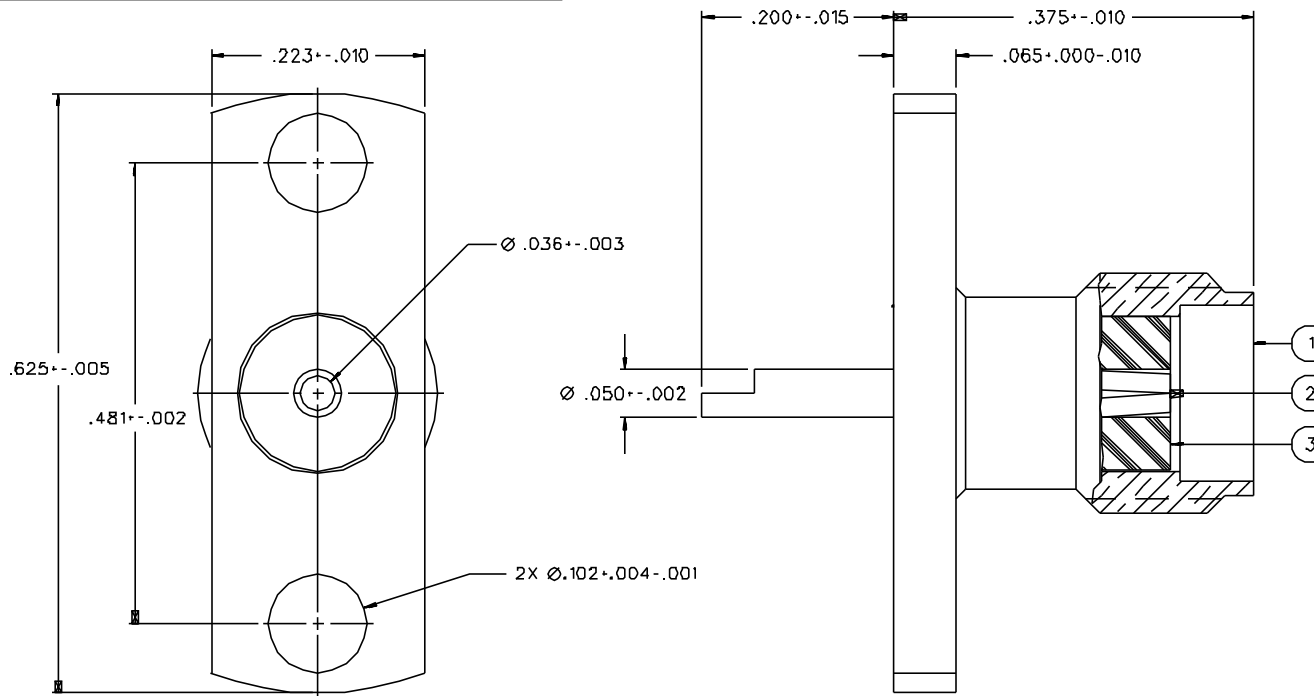


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-07D1-621	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-07D1-626	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 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 2DD 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 1
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE MIL-STD-202, METHOD 106

DRAWING NO. C - 142-0701-621/630	
0 REVISIONS	
ENGINEERING RELEASE	
01	06-27-88 EJ RRF/RJB 6-30-88 ECO 23458
ADDED: MOISTURE RESISTANCE SPEC, HIGH TEMP SPEC TO THERMAL SHOCK CHANGED: .625 ± .005 WAS ± .010, .481 ± .010 WAS .480 ± .010, DIA .036 ± .003 WAS .025 ± .003, DIA .102 ± .004 ± .001 WAS ± .003, .065 ± .000 ± .010 WAS ± .010.	
2	7-16-90 [Signature] [Signature] [Signature] [Signature]
VERSION UPDATE	
3	12-4-90 [Signature] [Signature] [Signature] [Signature] 12-21-90 ECO 4004
CHANGED: DIA .050 ± .002 WAS .050 ± .001, RF HIGH POT 4 AND 7 MHZ WAS 5	
4	3-9-92 [Signature] [Signature] [Signature] [Signature] 3-11-92 ECO 40875
CHANGED: .481 ± .002 WAS .481 ± .010, UPDATED GRAPHICS	
* REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARITY * * CATION OR PART NUMBER ADDITION ONLY. *	
4a	8-21-96 [Signature] [Signature] [Signature] [Signature] ECN 44136

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 8-5-87	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave Ste 100 Menasha, WI 54952 1-800-247-8256	
DECIMALS .XX	CHECKED BY	DATE	TITLE JACK ASSEMBLY FLANGE MOUNT SMA	
.XXX	APPROVED BY RRF	DATE 6-27-88	CODE NO.	DRAWING NO. C - 142-0701-621/630
MATL	APPROVED BY RJB	DATE 6-27-88	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	6-30-88		