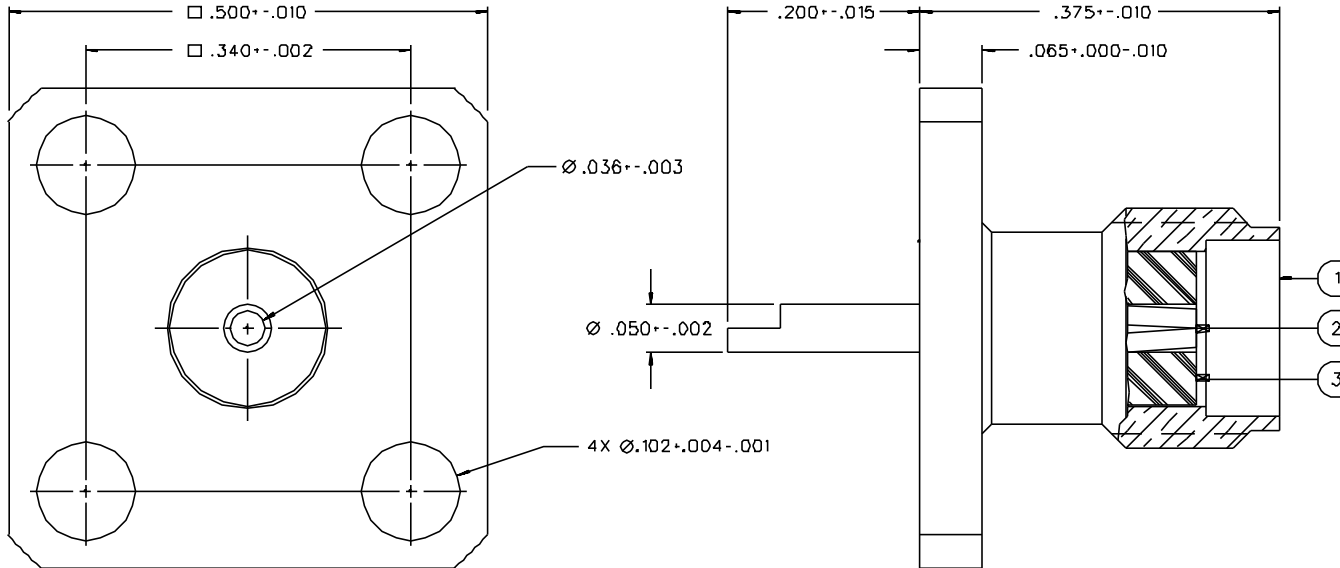


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-D7D1-631	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-D7D1-636	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 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 +.010, DIA .036+-.003 WAS .025+-.003, DIA .021+004-.001 WAS +.003, .065+-.000-.010 WAS +.010.			
2	7-16-90		
CHANGED: DIA .050+-.002 WAS .050+-.001, RF HIGH POT 4 AND 7 MHZ WAS 5			
3	3-10-92	R H	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	ECN 44137

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	mm	CHECKED BY	DATE	TITLE JACK ASSEMBLY, FLANGE MOUNT SMA	
.XXX		APPROVED BY RRF	DATE 6-27-88	CODE NO.	DRAWING NO. C - 142-0701-631/640
MATL		APPROVED BY RJB	DATE 6-27-88	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH		RELEASE DATE	6-30-88		

Mouser Electronics

Authorized Distributor

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