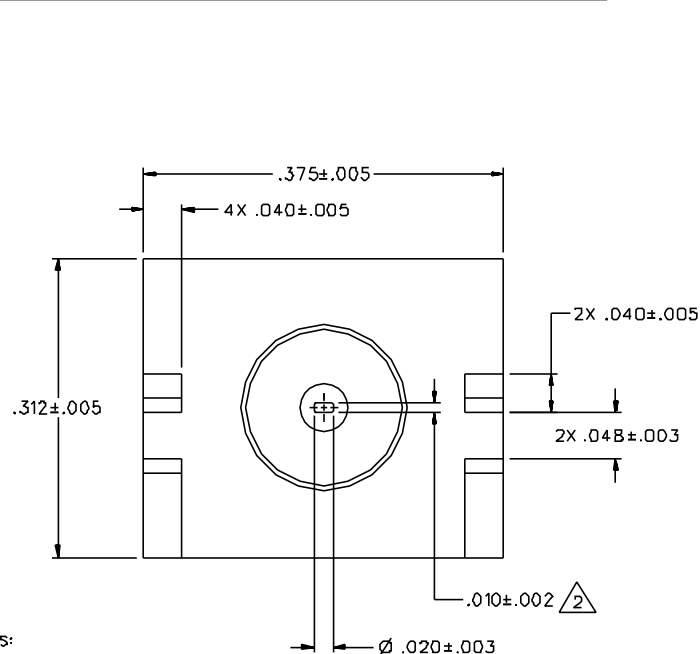


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-0701-841	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-0701-846	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

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 MEGOHMS MIN
CONTACT RESISTANCE: CENTER CONTACT - INITIAL 3 MILLIOHMS MAX,
AFTER ENVIRONMENTAL 4 MILLIOHMS MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHMS 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

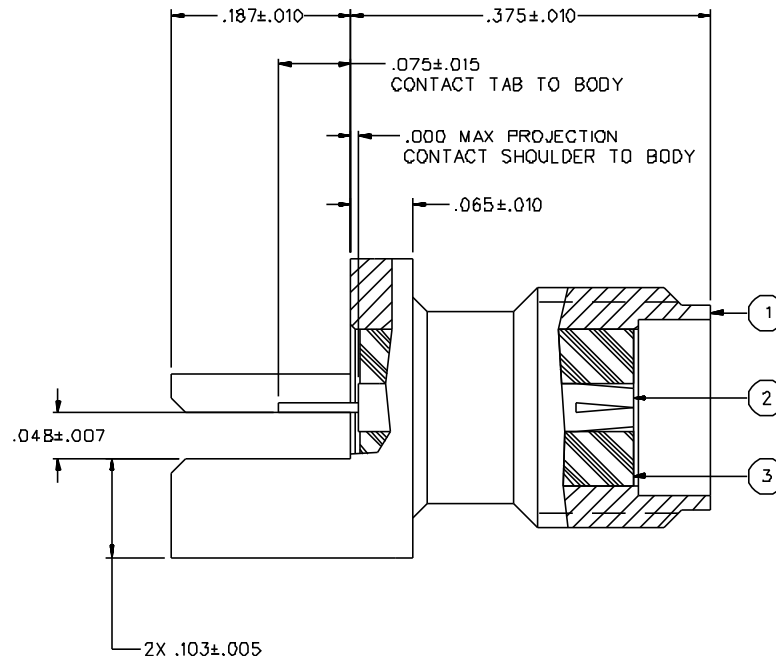
MECHANICAL:

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 RETENTION: NOT APPLICABLE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39D12)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
OPERATING TEMPERATURE: -65 °C TO 165 °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

2. BOTTOM OF CONTACT TO BE IN LINE WITH MOUNTING LEG WITHIN .D10.



DRAWING NO.	
C - 142-0701-841/850	
0	REVISIONS
ENGINEERING RELEASE	
1	11-10-92 R V B B P 12-18-92 H B B B H ECO 41275
CHANGED: .04B-- .007 WAS .04B-- .003, UPDATED GRAPHICS ADDED: .025-- .01B	
1a	2-22-94 R S B B P 3-8-94 H B B B H ECO 42224
CHANGED: -845 "B" .055/.035 WAS .04B-- .007 AND "C" .051/.035 WAS .04B-- .003	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATES DRAWING CLAMP *	
* CATION OR PART NUMBER ADDITION ONLY *	
1b	6-14-94 R T B P 6-21-94 H B B A ECN 42518
CHANGED: 4X .040+- .005 WAS 2X .040+- .005, 2X .04B+- .003 WAS 2X "C", .04B+- .007 WAS "B"+- .007 ADDED: .000 MAX PROJECTION, .075+- .015 DELETED: .035+- .005, .025+- .01B, .100+- .015, .000+- .017, .000+- .01B, P/N 142-0701-845, NOTES 2 AND 4 AND RENUMBERED OTHERS	
2	2-19-97 R V B B P ECN 44268 H B B B H

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY VET	DATE 7-13-92	 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS	mm	CHECKED BY	DATE		
.XX				TITLE JACK ASSEMBLY END LAUNCH SMA	
.XXX		APPROVED BY VET	DATE 11-18-92		
MATL		APPROVED BY TAK/RJB	DATE 12-14-92	CODE NO.	DRAWING NO. C - 142-0701-841/850
FINISH		RELEASE DATE	12-18-94	SCALE 10:1	U/N INCH SHEET 2 OF 2