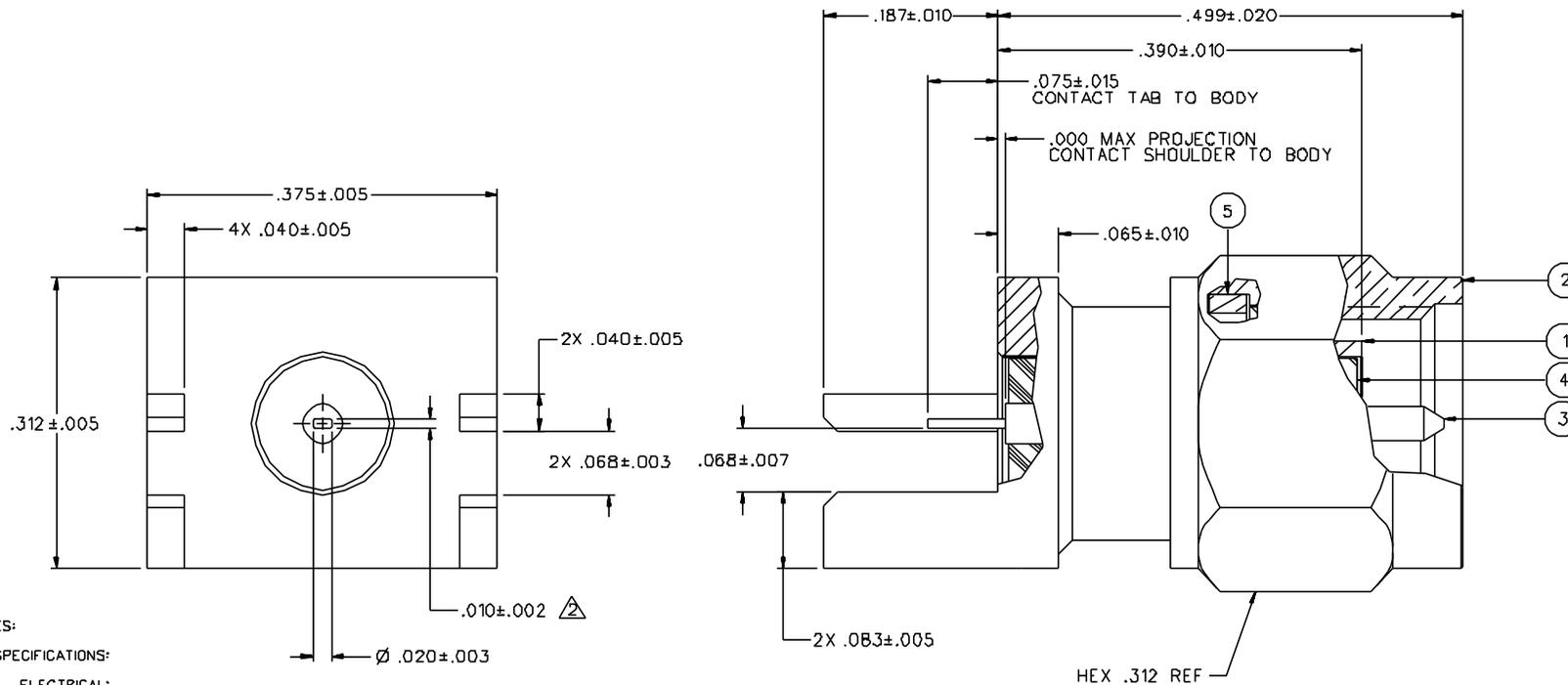


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING
142-0801-811	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED
142-0801-816	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED



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: 15 INCH-POUNDS MAX
 COUPLING NUT RETENTION: 60 LBS MIN
 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

△ BOTTOM OF CONTACT TO BE IN LINE WITH MOUNTING LEG WITHIN .010.

DRAWING NO. C - 142-0801-811/820	
0 REVISIONS	
ENGINEERING RELEASE	
1	11-13-92 H I A E CO 41349 12-18-92
CHANGED: .068-.007 WAS .068-.003, UPDATED GRAPHICS	
ADDED: .025-.018	
1a	2-21-94 R I A E CO 42227 3-8-94
DELETED: .815, NOTE 4 TIN DIP LEADS	
1b	6-13-94 H I A E CO 42522 6-21-94
4X .040-.005 WAS 2X .040-.005, .187-.010 WAS .187-.015, .00005 GOLD PL WAS .00013	
ADDED: .000 MAX PROJECTION, .075-.015, .065-.010	
DELETED: .025-.005, .025-.018, .100-.015, .000-.018, .000-.017, NOTE 2 AND RENUMBERED OTHERS	
2	2-24-97 H I A E CO 44255 6-21-94
STANDARDIZED AND UPDATED FOR REVISED CONTACT	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATED DRAWING CLARIFY *	
* CATION OR PART NUMBER ADDITION ONLY *	
2a	11-14-01 H I A E CO 48087

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY VET	DATE 9-17-92	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS	CHECKED BY	DATE	TITLE PLUG ASSEMBLY	
.XX			END LAUNCH	
.XXX	APPROVED BY VET	DATE 11-18-92	SMA	
MATL	APPROVED BY TAK/RJB	DATE 11-30-92	CODE NO.	DRAWING NO. C - 142-0801-811/820
FINISH	RELEASE DATE	12-18-92	SCALE 10:1	U/W INCH SHEET 2 OF 2