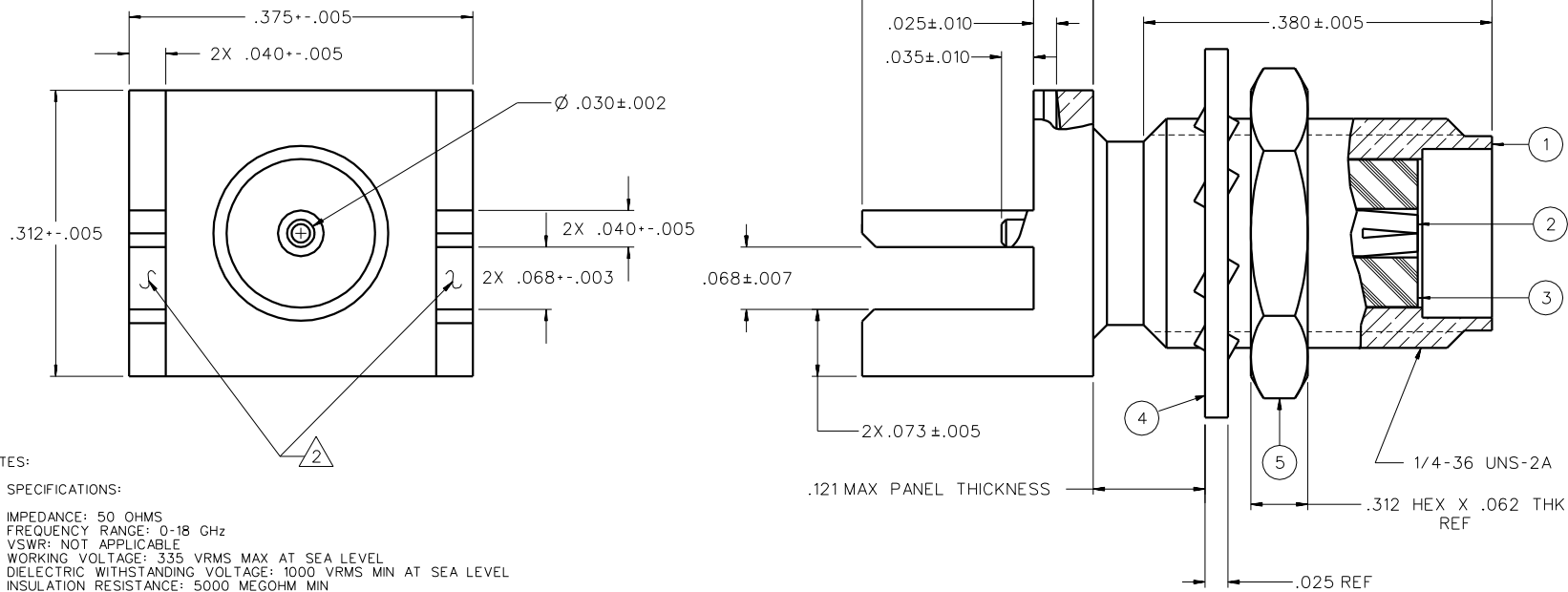


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ LOCKWASHER	ITEM ⑤ NUT
142-0711-851	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	PHOSPHOR BRONZE GOLD PL .00001 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
142-0711-856	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN OVER	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN OVER

DRAWING NO. C - 142-0711-851/860					
0 REVISIONS					
ENGINEERING RELEASE					
1	1-7-97	R	H	J	ECN 44543
PHOSPHOR BRONZE WAS BRASS ADDED: .025 REF, LOCK ADDED: .312 HEX X .094 THK REF ADDED: .089 MAX PANEL THICKNESS					
2	6-4-01	R	H	J	ECN 48048
CHANGED: .121 MAX PANEL THICKNESS WAS .089, .062 THK REF WAS .094, UPDATED GRAPHICS					
3	10-7-02	R	H	J	ECN 48544



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
 4 IN-OZ MIN RADIAL TORQUE
 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
 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: MIL-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

△ SURFACES TO BE IN LINE WITH EACH OTHER WITHIN .004.

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANS1Y 14.5M - 1982

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY RJB	DATE 12-16-96	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832
DECIMALS .XX	mm	CHECKED BY	DATE	
.XXX		APPROVED BY RJB	DATE 1-7-97	TITLE JACK ASSEMBLY, END LAUNCH BULKHEAD, SMA
MATL		APPROVED BY	DATE	CODE NO.
FINISH		RELEASE DATE		DRAWING NO. C - 142-0711-851/860
				SCALE 10:1 U/M INCH SHEET 2 OF 2

Mouser Electronics

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