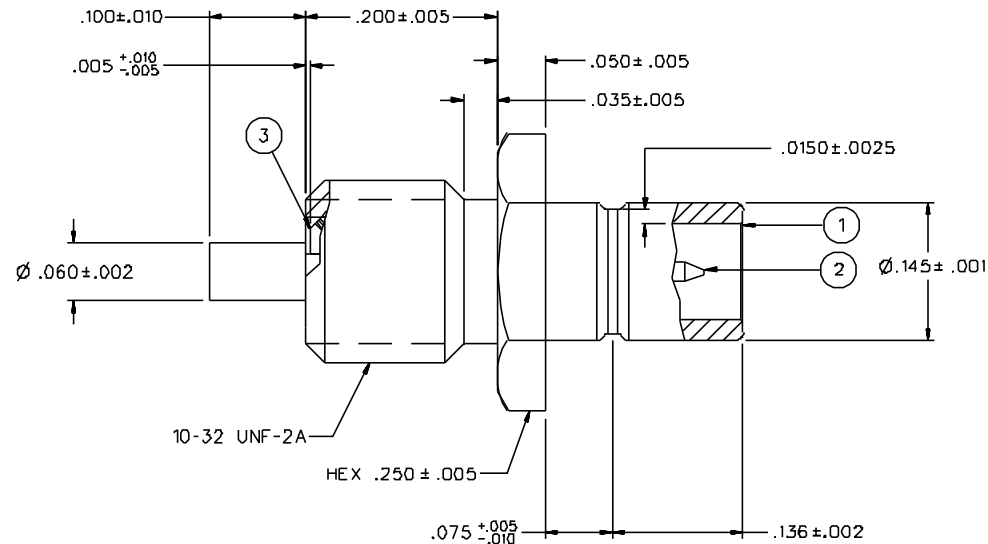


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
131-3701-441	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
131-3701-442	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
131-3701-446	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



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-4 GHz
VSWR: 1.3 MAX
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 10DD VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MN
CONTACT RESISTANCE: -
CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER
ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER
ENVIRONMENTAL 1.5 MILLIOHM MAX
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER
ENVIRONMENTAL 3.5 MILLIOHM MAX
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: NOT APPLICABLE
INSERTION LOSS: NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX
ENGAGEMENT, 3 LB MIN DISENGAGEMENT
MATING TORQUE: NOT APPLICABLE
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE FROM REAR, 6 LBS MIN FROM FRONT, 2 IN-OZ MIN 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 B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B

DRAWING NO.									
C - 131-3701-441/450									
0 REVISIONS									
ENGINEERING RELEASE									
1	11-21-96	R	H	A				12-6-96	ECN 44305
VERSION UPDATE									
1a	12-11-96	R	H	A				12-16-96	ECN 44308
CHANGED: .256+- .010 WAS .291+- .010									
2	2-10-97	R	H	A				ECN 44614	
ADDED: 2 IN-02 MIN TORQUE TO CONTACT RETENTION SPEC									
2a	9-25-98	R	H	A				ECN 45875	
ADDED: P/N'S 131-3701-441 & -446. DIA .144+- .002, .015D+- .0025									
3	5-20-99	R	H	A				ECN 46410	
VERSION UPDATE									
3a	8-3-99	R	H	A				ECN 46618	
CHANGED: .005-.010-.005 WAS .005+- .003, .050-.005 WAS .050+- .010. DIA .145+- .0D1 WAS DIA .145+- .0D2 DELETED: .256+- .010 ADDED: .136+- .002, .075+- .005-0.005									
* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY.									
3b	3-14-00	R	H	A				ECN 47023	

CUSTOMER DRAWING

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

" μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY RJB		DATE 11-18-96		 289 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	mm	CHECKED BY	DATE	TITLE JACK ASSEMBLY, FRONT MOUNT BULKHEAD, SMB			
.XXX			DATE				
NATL			DATE				
		APPROVED BY RJB	DATE 11-21-96	CODE NO. DRAWING NO. C - 131-3701-441/450			
		APPROVED BY	DATE				
FINISH		RELEASE DATE 12-6-96		SCALE 10:1 U/N INCH SHEET 2 OF 2			