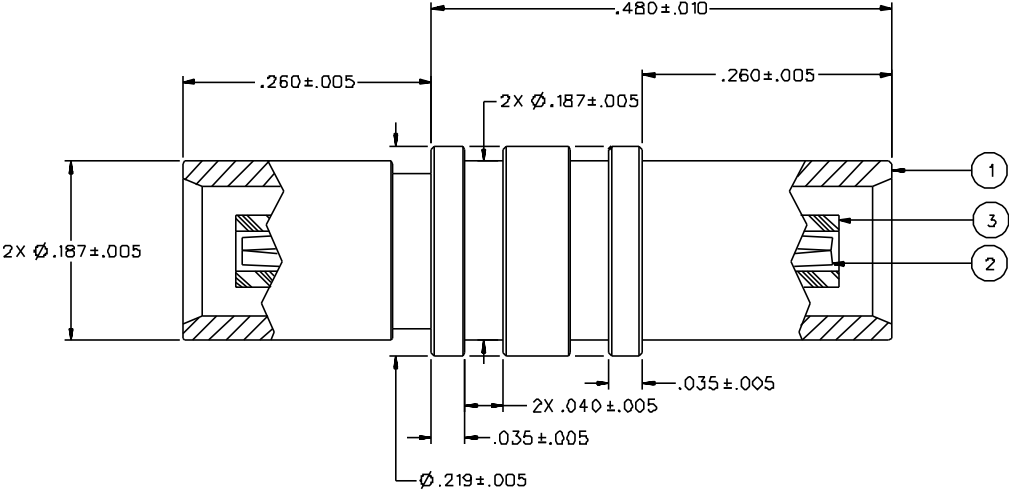


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
133-3901-801	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
133-3901-806	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 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: D-6 GHz
VSWR: 1.13-.04F MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 10000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5 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: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: .1dB MAX AT 1GHz
RF LEAKAGE: -55 dB TYPICAL AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
1.0 LB MIN DISENGAGEMENT
8.0 LBS MAX DISENGAGEMENT

CONTACT RETENTION FORCE: 2.3 LBS MIN
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
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 F
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
MOISTURE: MIL-STD-202, METHOD 106

DRAWING NO.										C - 133-3901-801/810															
0		REVISIONS																							
ENGINEERING RELEASE																									
1		12-20-95				R		H		P		L		R		E		C		N		12-26-95		43803	
CHANGED: WORKING VOLTAGE 335																									
VRMS WAS 500 DWS 1000 VRMS																									
WAS 1500 CORONA LEVEL 250																									
VOLTS WAS 375, RF HIGH PWT 700																									
VRMS WAS 1000																									
1a		5-22-96				R		H		P		L		R		E		C		N		44050			
CHANGED: RF LEAK -60 dB TYPICAL																									
WAS 70 dB																									
1b		6-17-98				R		H		P		L		R		E		C		N		45647			
RF LEAKAGE -55 DB WAS -60 DB,																									
CONTACT RETENTION 2.3 LBS MIN																									
WAS 4.0, MAX ENGAGE 5.6 LBS WAS																									
3.4, DISENGAGE 1.0 / 8.0 LBS WAS																									
5.0 LBS TYPICAL DELETED:																									
INTERFACE PER DECC 22220 DETAIL																									
* REVISION NUMBER FOLLOWED BY AN ALPHA *																									
* CHARACTER INDICATES DRAWING CHANGE *																									
* CATION OR PART NUMBER ADDITION ONLY. *																									
1c		1-2-01				R		H		P		L		R		E		C		N		47552			

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS	mm	SWC	8-10-95		
.XX		CHECKED BY	DATE	TITLE	
.XXX REF		SWC	12-21-95		
MATL		APPROVED BY	DATE	JACK TO JACK ADAPTOR ASSEMBLY, MCX	
		TAK	12-21-95		
FINISH		APPROVED BY	DATE	CODE NO.	DRAWING NO.
		RELEASE DATE	12-26-95	C - 133-3901-801/810	
		SCALE 10:1	U/N INCH	SHEET 2 OF 2	