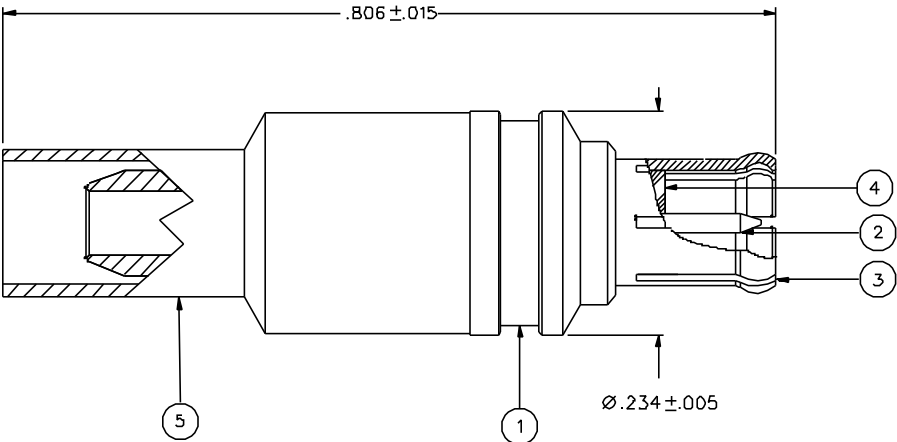


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR TEFLON	ITEM ⑤ CRIMP SLEEVE
133-8433-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN		COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 75 OHMS
 FREQUENCY RANGE: 0-6 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: 1000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
 BODY TO CABLE - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 CORONA LEVEL: 250 VRMS MINIMUM AT 70,000 FEET
 INSERTION LOSS: .1DB MAX AT 1GHz
 RF LEAKAGE: -55 DB AT 2.5 GHz
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHZ

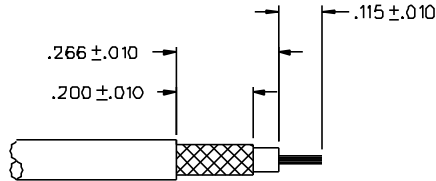
MECHANICAL:

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 AXIAL FORCE
 CONTACT RETENTION TORQUE: NOT APPLICABLE
 COUPLING MECHANISM RETENTION: NOT APPLICABLE
 CABLE ACCEPTABILITY: RG 179 ,RG 187
 CABLE HEX CRIMP SIZE: .126
 CABLE RETENTION: 20 LBS MIN AXIAL FORCE
 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 102, CONDITION B
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION B



CABLE STRIP DIMENSIONS

4:1

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY	DATE	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
	T.A.KARI	2-12-99		
DECIMALS	CHECKED BY	DATE	TITLE	
.XX				
XXX+-.003	APPROVED BY	DATE	PLUG ASSEMBLY STRAIGHT, RG 179 MCX 75 OHM	
MATL	TAK	7-12-99		
FINISH	APPROVED BY	DATE	CODE NO.	DRAWING NO.
	RJB	7-12-99		C - 133-8433-001/010
	RELEASE DATE	8-9-99	SCALE 10:1	U/M INCH SHEET 2 OF 2

DRAWING NO.									
C - 133-8433-001/010									
0 REVISIONS									
ENGINEERING RELEASE									
1	7-8-99	R	H	A	K	8-9-99	ECN	46559	
CHANGED: 1.0/8.0 LBS MIN/MAX DISENGAGE WAS 3.0 LBS TYPICAL. 1.0 LBS MIN									
1a	10-19-00	R	H	A	K	11-21-00	ECN	47347	
CHANGED: UPDATED GRAPHICS									
* REVISION NUMBER FOLLOWED BY AN ALPHA *									
* CHARACTER INDICATES DRAWING CHANGE *									
* CATION OR PART NUMBER ADDITION ONLY. *									
1b	3-19-01	R	H	A	K		ECN	47502	

CUSTOMER DRAWING

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

"μSTATION"

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