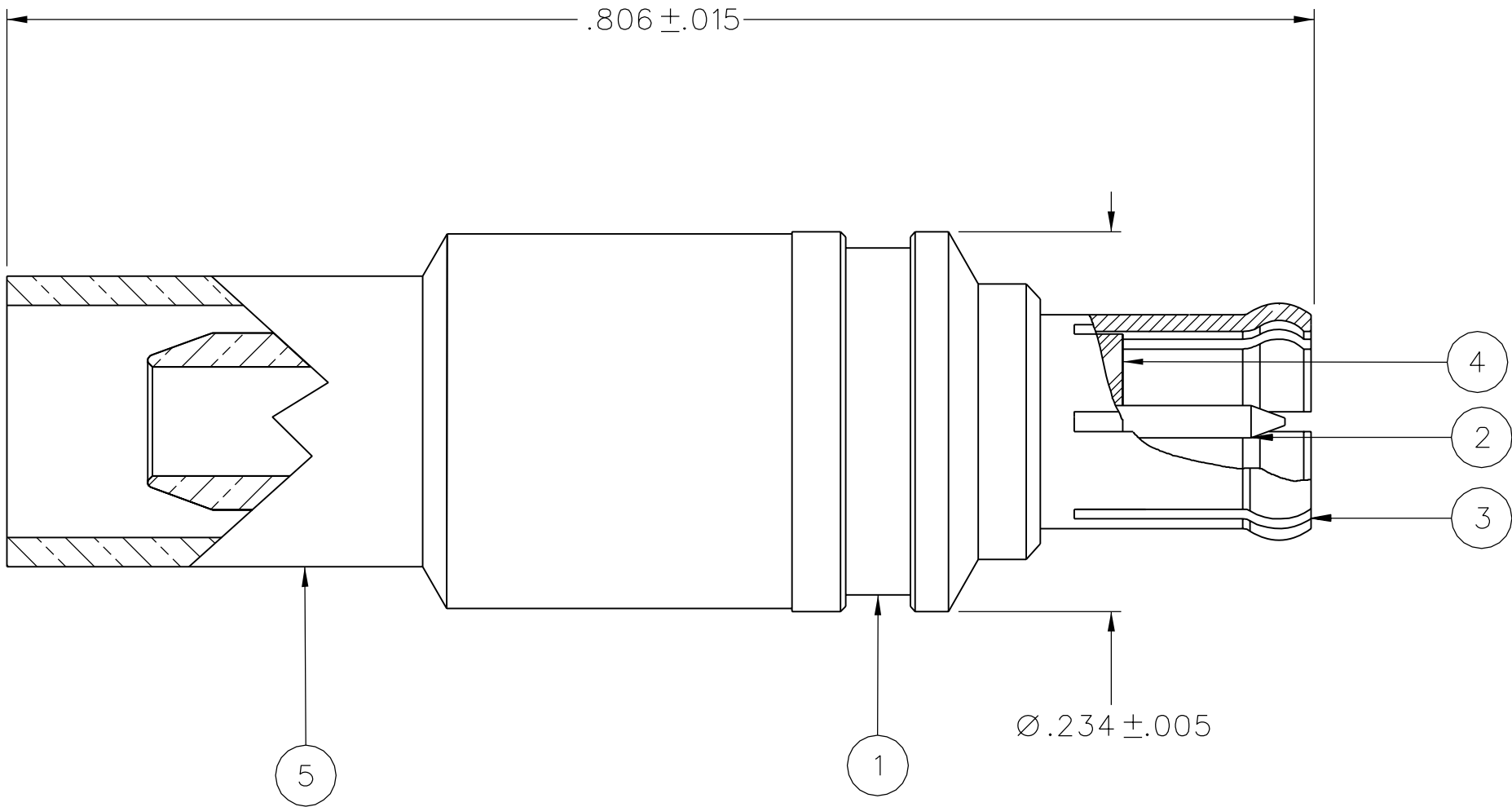


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR TEFLON	ITEM ⑤ CRIMP SLEEVE
133-8434-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .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

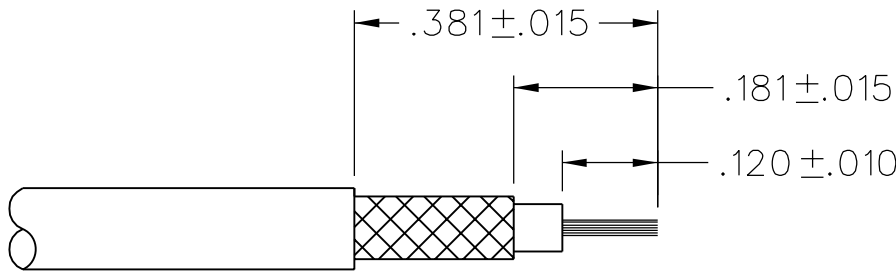
MECHANICAL:

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 2X BRAID ,RG 187 2X BRAID
CABLE HEX CRIMP SIZE: .151
CABLE RETENTION: 25 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-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 TAK	DATE 2-12-99	 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX _____	mm _____	CHECKED BY TAK	DATE 7-12-99		
.XXX ±.003 _____		APPROVED BY RJB	DATE 7-12-99	TITLE PLUG ASSEMBLY STRAIGHT RG 179 2X BRAID MCX 75 OHM	
MATL _____		RELEASE DATE 8-9-99		SHEET 2 OF 2	DRAWING NO. C - 133-8434-001/010
FINISH _____		U/M INCH	SCALE 10:1		

DRAWING NO.						
C - 133-8434-001/010						
0	REVISIONS					
ENGINEERING RELEASE						
1	7-9-99	R _H	T _A K	R _J B	B _A	8-9-99 ECN 465
CHANGED: 1.0/8.0 LBS MIN/MAX DISENGAGE WAS 3.0 LBS TYPICAL, 1.0 LB MIN						
1a	10-19-00	R _H	T _A K	R _J B	B _A	11-20-00 ECN 473
CHANGED: UPDATED GRAPHICS						

* REVISION NUMBER FOLLOWED BY AN ALPHA						
* CHARACTER INDICATES DRAWING CLARIFI-						
* CATION OR PART NUMBER ADDITION ONLY.						

1b	3-20-01	R _H	T _A K	R _J B		ECN 475
.120±.010 WAS .115±.010, ADD: .381 ±.015, .181±.015. REMOVED: .266±.010, .200±.010						

* REVISION NUMBER FOLLOWED BY AN ALPHA						
* CHARACTER INDICATES DRAWING CLARIFI-						
* CATION OR PART NUMBER ADDITION ONLY.						

1c	1-29-08	P _A T	C _S M	R _J J	M _J U	C _N J
						4-2-08 ECN 513

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μSTATION"

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