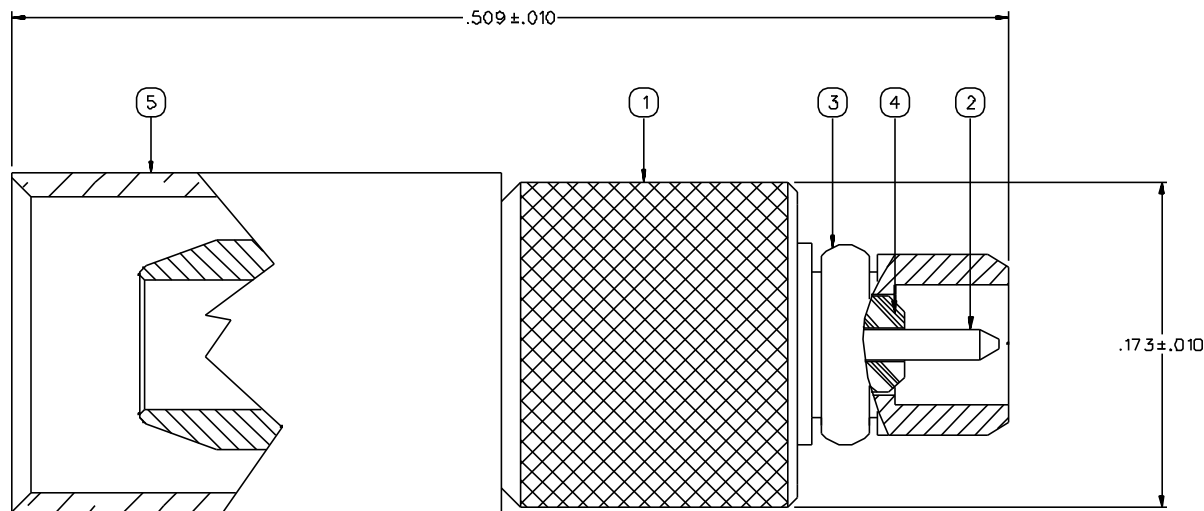


DRAWING NO.				
C - 135-3404-001/010				
0	REVISIONS			
ENGINEERING RELEASE				
1	2-28-97	R	H	ECN 44648
VERSION UPDATE				

* REVISION NUMBER FOLLOWED BY AN ALPHA *				
* CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *				

1a	1-20-00	R	H	ECN 46839



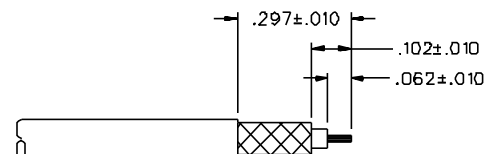
1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.2 MAX (F IN CHZ)
WORKING VOLTAGE: 170 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5.0 MILLIOHM MAX, AFTER
ENVIRONMENTAL 8.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER
ENVIRONMENTAL 1.5 MILLIOHM MAX
BODY TO Braid - INITIAL 15 MILLIOHM MAX,
AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 190 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: 0.1DB MAX AT 1 CHZ
RF LEAKAGE: -60 DB AT 2.5 GHZ
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 400 VRMS AT 4 AND 7 MHZ

ENGAGE/DISENGAGE FORCE: 8.0 LBS MAX ENGAGEMENT
1.4 LBS MIN DISENGAGEMENT

CONTACT RETENTION FORCE: 2.0 LBS MIN AXIAL FORCE
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 316 DOUBLE SHIELD, RG 188 DOUBLE SHIELD,
RG 161 DOUBLE SHIELD, RG 174 DOUBLE SHIELD
CABLE HEX CRIMP SIZE: .151 HEX
CABLE RETENTION: 25 LBS
DURABILITY: 5DD CYCLES MIN

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION C,
55 DEG C TO 155 DEG C
OPERATING TEMPERATURE: -55 DEG C TO 155 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 D
MOISTURE: MIL-STD-202, METHOD 106



4:1

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY TAK		DATE 1-30-97		 289 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX mm .XXX+- .003 mm		CHECKED BY		DATE		TITLE PLUG ASSEMBLY STRAIGHT, RG 316DS MMCX	
MATERIAL		APPROVED BY TAK		DATE 3-27-97		CODE NO.	
FINISH		APPROVED BY RJB		DATE 3-31-97		DRAWING NO. C - 135-3404-001/010	
RELEASE DATE 4-15-97				SCALE 2Dx1		U/M INCH SHEET 2 OF 2	