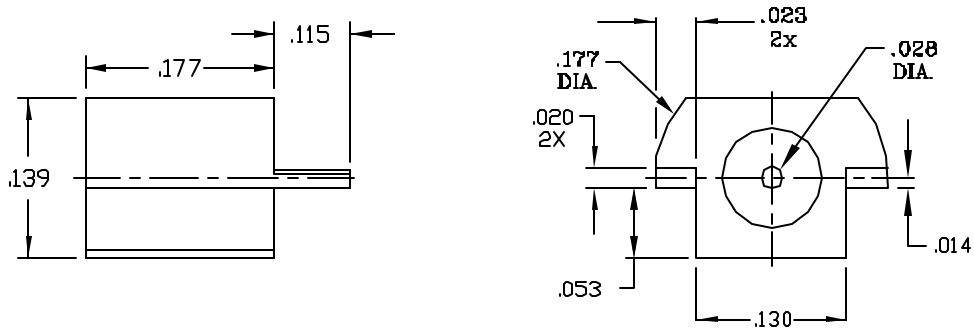


SPECIFICATION CONTROL DRAWING




1. MATING INTERFACE DIMENSIONS FOR MMCX JACK PER DYNAWAVE SPECIFICATION MD-25.

2. ELECTRICAL

FREQUENCY RANGE GHz	DC TO 6.0 GHz.
VSWR (MAX) *	1.10 + .010 x FGHz.
INSERTION LOSS (dB MAX) *	.05 dB x $\sqrt{\text{FGHz.}}$
NOMINAL IMPEDANCE (OHMS)	50
VOLTAGE RATING (MAX. VRMS)	170
RF LEAKAGE (MIN. dB DOWN)	85 dB - FGHz.
TEMPERATURE RATING (DEGREES CENTIGRADE)	-65 ° c TO +150 ° c
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	500
INSULATION RESISTANCE (MIN. MEGOHMS)	2,500
CONTACT RESISTANCE	
• CENTER CONTACT (MAX. MILLIOHMS)	4.0
• OUTER CONTACT (MAX. MILLIOHMS)	2.0

* TERMINATED IN A 50 OHM LOAD

REV.	DCN NO.	DATE	APP.	DIMENSIONS ARE IN INCHES TOLERANCES			 HAVERHILL, MA 01835
AA	02-0011	1/8/02	DGG	DECIMALS .X ± .030 .XX ± .010 .XXX ± .005	FRACTIONAL ± 1/64	ANGULAR X° ± 15' X' ± 15"	
				SURFACE ROUGHNESS 89 √ MIL-STD 10.			TITLE MMCX JACK EDGE MOUNT
				DRAWN SS	DATE 1/4/02		
				APPROVED DGG	DATE 1/8/02		
				CODE IDENT. 2J899	SHEET 1 OF 2	DWG. NO.	2520-0031-2400

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT

- MIN. AXIAL FORCE _____ 4.0 lbs.
- MIN. RADIAL TORQUE _____ N/A

CONNECTOR ENGAGEMENT FORCES

- INSERTION (MAX. LBS.) _____ 3.0
- WITHDRAWAL (MIN. LBS.) _____ 0.5

CONNECTOR DURABILITY (MIN. MATING) _____ 500

4. ENVIRONMENTAL

TEMPERATURE CYCLING _____ MIL-STD-202, METHOD 102, COND. C (-65 ° c TO + 165 ° c)
SHOCK _____ MIL-STD-202, METHOD 213, COND. I (100 G's)
VIBRATION _____ MIL-STD-202, METHOD 204, COND. D (20 G's)
MOISTURE RESISTANCE _____ MIL-STD-202, METHOD 106, LESS STEP 7b
CORROSION _____ MIL-STD-202, METHOD 101, COND. B (48 HOURS)
BAROMETRIC PRESSURE (ALTITUDE) _____ MIL-STD-202, METHOD 105, COND. C (70,000 FT.) (125 VRMS)

5. MATERIAL

CONNECTOR BODY _____ BRASS PER ASTM B16, TEMPER H02, ALLOY C36000
CENTER CONTACT _____ BERYLLIUM COPPER PER ASTM B196-90, COPPER ALLOY
NO. UNS C17300 TEMPER T004.
INSULATOR _____ TEFLON PER D 1457.

6. FINISH

CONNECTOR BODY _____ GOLD PER ASTM B 488, TYPE 2, CODE C, CLASS 0.70 (.000030 MIN. THK)
OVER NICKEL PER QQ-N-290, CLASS 1 (.000050 MIN. THK) OVER COPPER
PER MIL-C-14550, (.000010 MIN. THK)
CENTER CONTACT _____ GOLD PER ASTM B 488, TYPE 2, CODE C, CLASS 0.75 (.000030 MIN. THK.)
OVER NICKEL PER QQ-N-290, CLASS 1 (.000050 MIN. THK) OVER
COPPER PER MIL-C-14560 (.000040 MIN. THK)
INSULATOR _____ N/A