

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: TS07XXF

XX = dB VALUE, 00 – 10 dB

*CONSULT FACTORY FOR ADDITIONAL VALUES.

DESCRIPTION: FIXED CHIP ATTENUATOR. (ROHS COMPLIANT)

ASSEMBLY DWG: 1902214

1.0 SPECIFICATIONS:

1.1 ELECTRICAL:

- 1.1.1 IMPEDANCE: 50 OHMS NOMINAL.
- 1.1.2 OPERATING FREQUENCY RANGE: DC – 6 GHZ.
- 1.1.3 ATTENUATION VALUES AVAILABLE: 0 – 10 dB
- 1.1.4 ATTENUATION ACCURACY: ± 0.5 Db.
- 1.1.5 VSWR: 1.50:1 MAX.
- 1.1.6 INPUT POWER: 100 MILLIWATTS CW.
- 1.1.6.1 FULL RATED POWER TO 125°C, DERATED LINEARLY TO 0 WATTS AT 150°C.

1.2 MECHANICAL:

- 1.2.1 OUTLINE DWG: SEE SHEET 2.
- 1.2.2 WORKMANSHIP: PER MIL-PRF-55342.

1.3 ENVIRONMENTAL:

- 1.3.1 OPERATING TEMPERATURE RANGE: -55°C TO +150°C

2.0 UNIT MARKING: dB VALUE AND ORIENTATION LINE

LEGIBILITY AND PERMANENCY PER MIL-STD-130

3.0 QUALITY ASSURANCE:

3.1 SAMPLE INSPECT PER ANSI/ASQC Z1.4 GENERAL INSPECTION, LEVEL II, AQL = 1.0.

3.1.1 VISUAL AND MECHANICAL EXAMINATION FOR CONFORMANCE TO OUTLINE DRAWING REQUIREMENTS.

3.3 INSPECTION IN ACCORDANCE WITH 824W170 AND 824F036 FOR COMMERCIAL GRADE PRODUCT.

3.4 TEST DATA REQUIREMENTS:

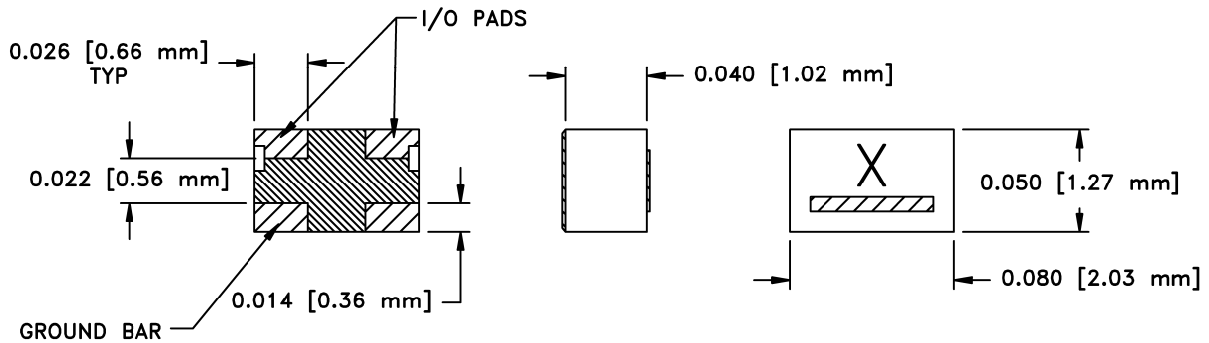
- 3.4.1 NO TEST DATA REQUIRED FOR CUSTOMER.
- 3.4.2 DATA RETENTION - 24 MONTHS.

4.0 PACKAGING: STANDARD TAPE AND REEL PACK PER 755W002.

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE. STUART, FL 34997	CAGE CODE # 24602		DWG #	1012105000
	CHANGE NOTICE	EN 09-E0779	REV LVL	-
			SHEET	1 OF 2

PART ID REF

TS07XXF

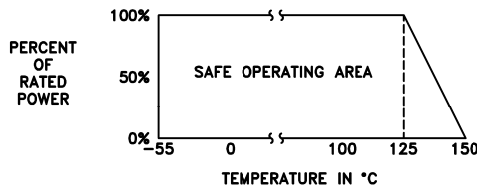


MECHANICAL SPECIFICATIONS:

SUBSTRATE:
 MATERIAL - ALUMINA 96%, MIL-I-10.
 TERMINAL:
 MATERIAL - THICK FILM, RoHS COMPLIANT
 RESISTIVE ELEMENT:
 MATERIAL - THICK FILM.

METRIC EQUIVALENTS GIVEN IN [mm]
 FOR REFERENCE INFORMATION ONLY

POWER RATING AND DERATING



8851 SW OLD KANSAS AVE
 STUART, FL 34997
 PHONE NO. (772)286-9300
 FAX NO. (772)283-5286

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES
 FRACT --- ---
 ANG --- ---
 XX --- ---
 XXX ±0.005
 XXXX --- ---

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CAGE CODE 24602	SCALE N/A	DRAWN BY KHS 8/6/09	CHECKED BY	APPROVED BY
REV -	CHANGE NOTICE EN 09-E0779	DRAWING NO 1012105000	SHEET 2 OF 2	