

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: TS09XXSMTF
(XX) = DB VALUE

DESCRIPTION: FIXED VALUE CHIP ATTENUATOR, ROHS COMPLIANT.

ASSEMBLY DWG: 1902264

- 1.0

SPECIFICATIONS:

1.1

ELECTRICAL:

1.1.1

IMPEDANCE: 50 OHMS NOMINAL.

1.1.2

OPERATING FREQUENCY RANGE: DC – 20 GHZ.

1.1.3

ATTENUATION VALUES AVAILABLE: 1-10dB.

1.1.4

ATTENUATION ACCURACY AT 25°C:
0-4 dB DC-20 GHz ± 0.5 dB
5-10 dB DC-15 GHz ± 0.5 dB
15-20 GHz ± 0.75 dB

1.1.5

VSWR: 1.40:1 TYP, 1.70 MAX @ 25°C

1.1.6

INPUT POWER: 200 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: NONE

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.

3.2

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

3.3

TEST DATA REQUIREMENTS:

3.4.1

NO TEST DATA REQUIRED FOR CUSTOMER.

3.4.2

DATA RETENTION - 24 MONTHS.

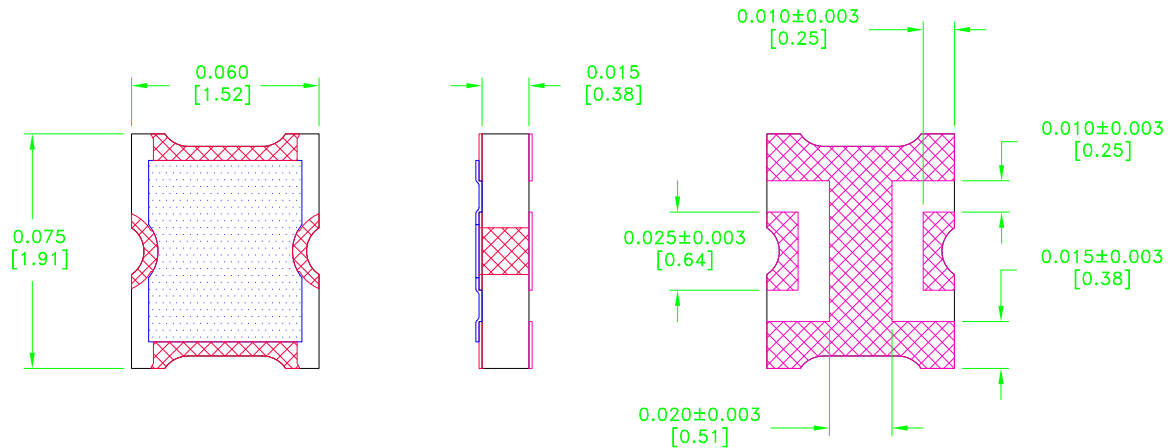
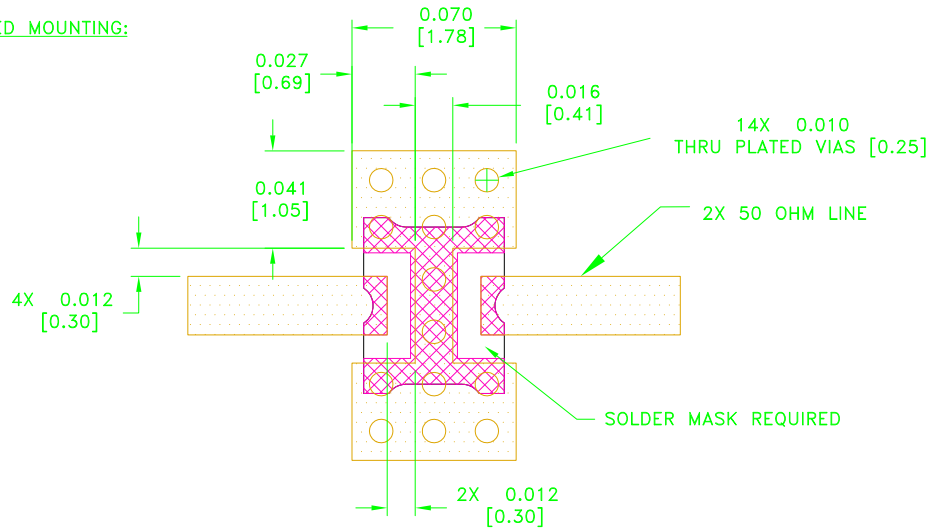
4.0

PACKAGING: STANDARD PACK PER 755W002.

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE. STUART, FL 34997	CAGE CODE # 24602		DWG #	1012265000
	CHANGE NOTICE	EN 11-1198	REV LVL	C
			SHEET	1 OF 2

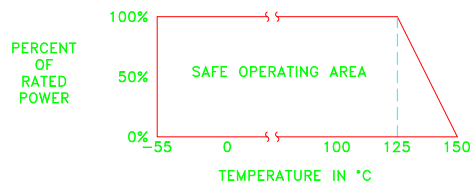
PART ID REF

TS09XXSMTF

SUGGESTED MOUNTING:MECHANICAL SPECIFICATIONS:

SUBSTRATE:
MATERIAL - ALUMINA 96%, MIL-I-10.
TERMINAL:
MATERIAL - THICK FILM, LEAD FREE PLATING
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

CRH 01/11/10

CHECKED BY

APPROVED BY

REV
C

CHANGE NOTICE

EN 11-1198

DRAWING NO

1012265000

SHEET

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