

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: TS09XXWB2
(XX) = DB VALUE

DESCRIPTION: FIXED VALUE CHIP ATTENUATOR, ROHS COMPLIANT.

ASSEMBLY DWG: 1902444

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: DC-10 GHz 1.25:1 MAX
10-20 GHz 1.45:1 MAX
- 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:

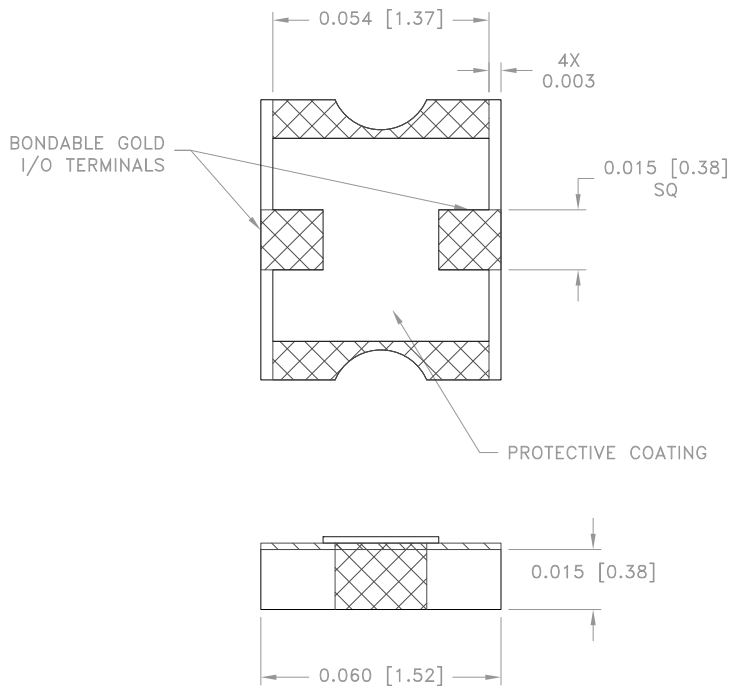
- 3.1 SAMPLE INSPECT PER ANSI/ASQC Z1.4 GENERAL INSPECTION, LEVEL II, AQL = 1.0.
 - 3.1.1 VISUAL AND MECHANICAL EXAMINATION FOR CONFORMANCE TO OUTLINE DRAWING REQUIREMENTS.
- 3.2 INSPECTION IN ACCORDANCE WITH 824W170 AND 824F036 FOR COMMERCIAL GRADE PRODUCT.
- 3.3 TEST DATA REQUIREMENTS:
 - 3.4.1 NO 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 #	1012675000
	CHANGE NOTICE	EN 11-1356	REV LVL	-
			SHEET	1 OF 2

PART ID REF

TS09XXWB2



INSULATED GAP IS FOR MANUFACTURING PURPOSES. GROUNDS SHOULD BE ELECTRICALLY SHORTED DURING ATTACHMENT.

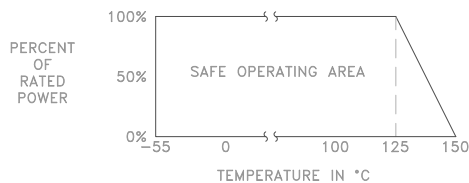
GROUND TERMINALS

MECHANICAL SPECIFICATIONS:

SUBSTRATE:
 MATERIAL - ALUMINA 96%, MIL-I-10.
 TERMINAL:
 MATERIAL - THICK FILM, BONDABLE GOLD.
 GROUND PLANE:
 MATERIAL - THICK FILM, SOLDERABLE.
 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	SCALE	DRAWN BY	CHECKED BY	APPROVED BY
24602	N/A	SP 12/13/11		
REV	CHANGE NOTICE	DRAWING NO	SHEET	
-	EN 11-1356	1012675000	2 OF 2	