

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: TS0300 KIT

DESCRIPTION: CHIP ATTENUATOR KIT

ASSEMBLY DWG: N/A

1.0 SPECIFICATIONS:

1.1 ELECTRICAL:

- 1.1.1 IMPEDANCE: 50 OHMS NOMINAL.
- 1.1.2 FREQUENCY RANGE: DC-18GHZ
- 1.1.3 ATTENUATION VALUES AVAILABLE: 0-10DB IN 1DB INCREMENTS.
- 1.1.4 ATTENUATION ACCURACY: GREATER OF 0.5DB OR 5% @ 1 GHZ.
- 1.1.5 INPUT POWER (MAX @ 25°C):
 - 1.1.5.1 AVERAGE: 2.0 WATT.
 - 1.1.5.2 PEAK: 50 WATTS FOR 10US PULSE WIDTH @ 1% DUTY CYCLE.
- 1.1.6 SCHEMATIC: SEE SHEET 2, FIG. 2.

1.2 MECHANICAL:

- 1.2.1 OUTLINE DWG: SEE SHEET 2, FIGURE 1.
- 1.2.2 WORKMANSHIP: PER MIL-STD-454, REQUIREMENT 9.

1.3 ENVIRONMENTAL:

- 1.3.1 ALTITUDE:
 - 1.3.1.1 NON-OPERATING: SEA LEVEL TO 50,000 FEET.
 - 1.3.1.2 OPERATING: SEA LEVEL TO 50,000 FEET.
- 1.3.2 TEMPERATURE RANGE:
 - 1.3.2.1 NON-OPERATING: -55 C TO +150 C.
 - 1.3.2.2 OPERATING -55°C TO +125°C.
- 1.3.3 VIBRATION: PER MIL-STD-202, METHOD 204, COND. D
- 1.3.4 SHOCK: PER MIL-STD-202, METHOD 213, COND. I.
- 1.3.5 MOISTURE RESISTANCE: PER MIL-STD-202, METHOD 106 EXCEPT SUBCYCLE STEPS 7A AND 7B AND POLARIZATION AND LOAD ARE NOT APPLICABLE.

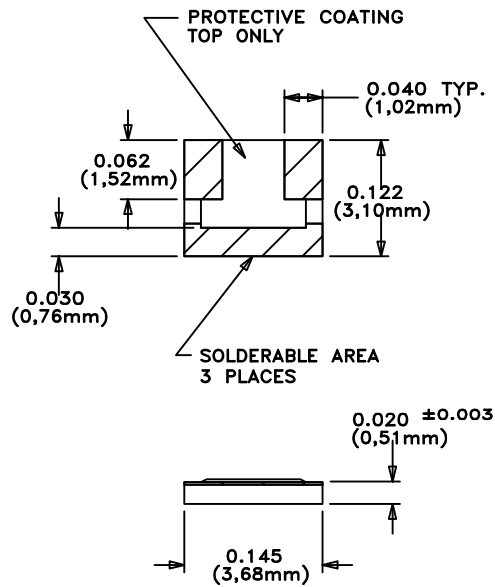
2.0 UNIT MARKING: : "DB VALUE"
LEGIBILITY AND PERMANENCY PER MIL-STD-130; DB VALUE.

3.0 QUALITY ASSURANCE:

4.0 PACKAGING: PER 755W002

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE. STUART, FL 34997	CAGE CODE # 24602		DWG #	1003005000
	CHANGE NOTICE	EN 12-0505	REV LVL	B
			SHEET	1 OF 2

PART ID REF
TS0300 KIT



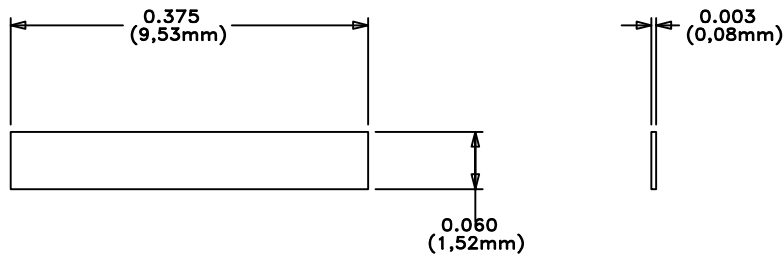
MECHANICAL SPECIFICATIONS:


TS0300 CHIP ATTENUATOR: 5 PIECES EACH, 0 THRU 10 dB
(VALUES MARKED ON UNITS)

LEADS: 15 LEADS. (BELOW)

MATERIAL-COPPER, QQ-C-576.

FINISH-GOLD, MIL-G-45204, TYPE II, CLASS 1.



 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	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EMC TECHNOLOGY INC AND SHALL NOT BE DUPLICATED OR USED AS BASIS FOR THE MANUFACTURE OR SALE OF PARTS OR DEVICES WITHOUT PERMISSION.				
	TOLERANCES FRACT --- ANG --- XX --- XXX ±0.005 XXXX ---	CAGE CODE 24602	SCALE N/A	DRAWN BY JG 4/30/08	CHECKED BY	APPROVED BY
	REV B	CHANGE NOTICE EN 12-0505	DRAWING NO 1003005000	SHEET 2 OF 2		