

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: TS02XXW3S
(XX) DB VALUE

DESCRIPTION: HIGH POWER ATTENUATOR

ASSEMBLY DWG: 1901864

1.0 SPECIFICATIONS:

- 1.1 ELECTRICAL:
 - 1.1.1 IMPEDANCE: 50Ω NOMINAL.
 - 1.1.2 FREQUENCY RANGE: DC-2.5 GHZ.
 - 1.1.3 ATTENUATION VALUES AVAILABLE: 0-10 AND 20dB.
 - 1.1.4 ATTENUATION ACCURACY @ 960 MHZ: 0 - 10 DB, ±0.5 DB AND 20Db ±1.0 dB @ 2.5 GHZ, +0, -1.0 DB.
 - 1.1.5 INPUT POWER: 4 WATTS CW.
 - 1.1.5.1 FULL RATED POWER TO 100°C, DERATED LINEARLY TO 0 WATTS AT 150°C.
 - 1.1.6 VSWR: 1.15 MAX @ 960 MHZ; 1.50 MAX @ 2.5 GHZ.
- 1.2 MECHANICAL:
 - 1.2.1 OUTLINE DWG: SEE SHEET 2.
 - 1.2.2 WORKMANSHIP: PER MIL-STD-454, REQUIREMENT 9, AND MIL-R-55342.
- 1.3 ENVIRONMENTAL:
 - 1.3.1 TEMPERATURE RANGE:
 - 1.3.1.1 STORAGE: -65°C TO +150°C.
 - 1.3.1.2 OPERATING: -55°C TO +150°C.

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

3.0 QUALITY ASSURANCE:

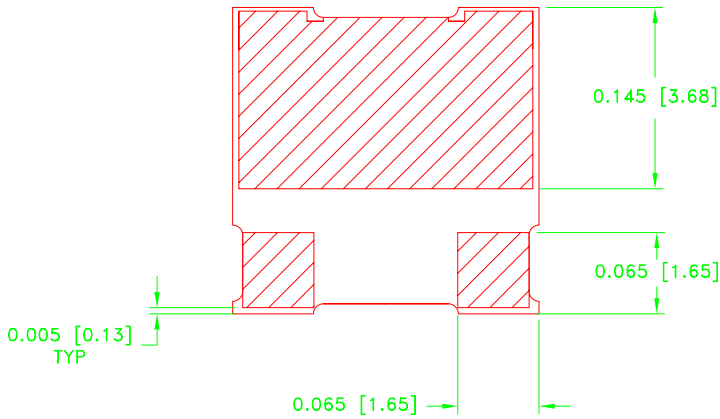
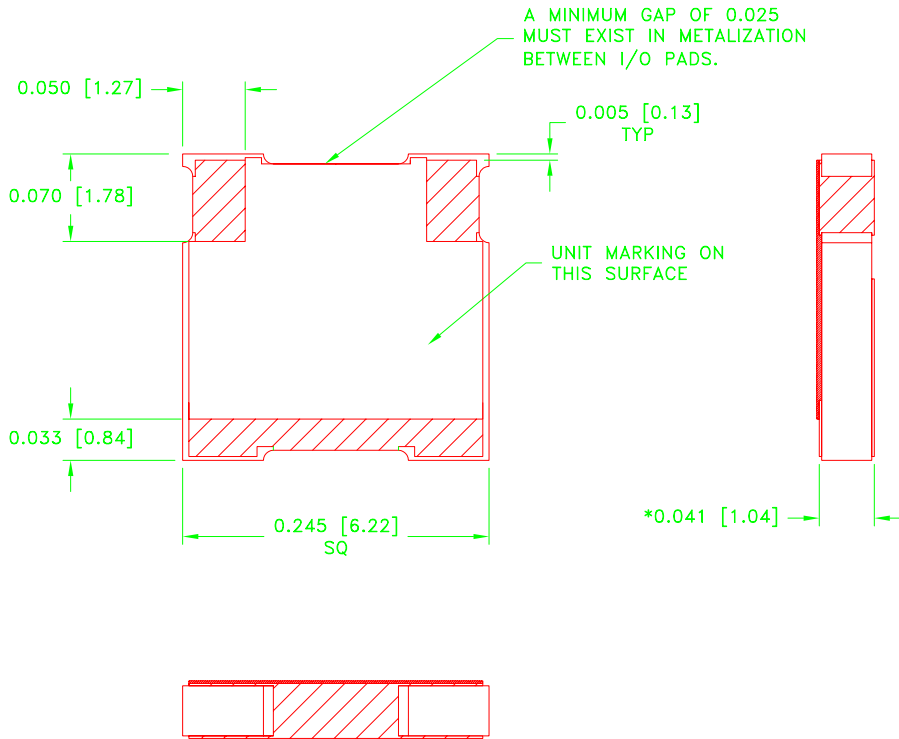
- 3.1 SAMPLE INSPECT PER ANSI/ASQC Z1.4, GENERAL INSPECTION, LEVEL II, AQL=1.0.
 - 3.1.1 VISUAL AND MECHANICAL EXAMINATION FOR CONFORMANCE TO OUTLINE DWG REQUIREMENTS.
- 3.2 PERFORM INSPECTION IN ACCORDANCE WITH 824W170 AND 824F036 FOR COMMERCIAL GRADE PRODUCT.
- 3.3 DATA REQUIREMENTS:
 - 3.3.1 NO TEST DATA REQUIRED FOR CUSTOMER.
 - 3.3.2 DATA RETENTION - STANDARD.

4.0 PACKAGING: STANDARD PACK PER 755W002.

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE. STUART, FL 34997	CAGE CODE # 24602		DWG #	1011095000
	CHANGE NOTICE	EN 10-0911	REV LVL	B
			SHEET	1 OF 2

PART ID REF

TS02XXW3S



MECHANICAL SPECIFICATIONS:

SUBSTRATE:
 MATERIAL - ALUMINA, 96%, MIL-I-10.
 TERMINAL:
 MATERIAL - THICK FILM, NICKEL BARRIER,
 SOLDER COATED
 RESISTIVE ELEMENT:
 MATERIAL - THICK FILM.
 *DIMENSIONS APPLY BEFORE SOLDER. ALLOW
 0.015 MAX FOR ALL PRETINNED SURFACES.

METRIC EQUIVALENTS GIVEN IN [mm]
 FOR REFERENCE INFORMATION ONLY



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	10:1	MWS 09/29/08		DAR 02/10/06
REV	CHANGE NOTICE	DRAWING NO	SHEET	
B	EN 10-0911	1011095000	2 OF 2	