

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: 12-250-T

DESCRIPTION: PILL TERMINATION

ASSEMBLY DWG: 1400204

1.0 SPECIFICATIONS:

- 1.1 ELECTRICAL:
 - 1.1.1 IMPEDANCE: 50 OHMS NOMINAL.
 - 1.1.2 FREQUENCY: DC-26.5 GHZ.
 - 1.1.3 INPUT POWER (MAX @ 25°C): (DERATED LINEARLY TO ZERO POWER @ 150°C)
 - 1.1.3.1 AVERAGE: 1 WATT.
 - 1.1.3.2 PEAK: 100 WATTS FOR 100US PULSE WIDTH AND 0.1% DUTY CYCLE.
 - 1.1.4 VSWR: 1.35 MAX.
 - 1.1.5 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-D-39030.

- 1.3 ENVIRONMENTAL:
 - 1.3.1 TEMPERATURE RANGE:
 - 1.3.1.1 NON-OPERATING: -55°C TO +150°C.
 - 1.3.1.2 OPERATING: -55°C TO +150°C.

2.0 UNIT MARKING: "12-250-T AND EMCT"
LEGIBILITY AND PERMANENCY PER MIL-STD-130.

3.0 QUALITY ASSURANCE:

- 3.1 PERFORM INSPECTION IN ACCORDANCE WITH QA0006 AND FORM0357 FOR COMMERCIAL GRADE PRODUCT.
- 3.2 TEST DATA REQUIREMENTS:
 - 3.2.1 NO TEST DATA REQUIRED FOR CUSTOMER.
 - 3.2.2 DATA RETENTION – 24 MONTHS.

4.0 PACKAGING: STANDARD PACK PER MC0023.

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE. STUART, FL 34997	CAGE CODE # 24602		DWG #	1004145000
	CHANGE NOTICE	EN 04-E231	REV LVL	D
			SHEET	1 OF 2