

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: 12-125-TP

DESCRIPTION: PILL TERMINATION

ASSEMBLY DWG: 1400194

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: 3 WATTS.
 - 1.1.3.2 PEAK: 100 WATTS, 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: "12-125-TP AND EMCT"
LEGIBILITY AND PERMANENCY PER MIL-STD-130.

3.0 QUALITY ASSURANCE:

- 3.1 PERFORM INSPECTION IN ACCORDANCE WITH 824F170 AND 824F036 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 755W002.

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE STUART, FLORIDA 34997	CAGE CODE # 24602		DWG #	1004045000
	CHANGE NOTICE	EN 10-0911	REV LVL	E
			SHEET	1 OF 2