

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER 4910

DESCRIPTION 50 OHM FLUSH MOUNT TERMINATION

ASSEMBLY DWG 1500274

1.0 SPECIFICATIONS:

- 1.1 ELECTRICAL:
 - 1.1.1 IMPEDANCE: 50 OHMS NOMINAL.
 - 1.1.2 FREQUENCY RANGE: DC-18 GHZ.
 - 1.1.3 INPUT POWER (MAX @ 60°C):
 - 1.1.3.1 AVERAGE: 1 WATT.
 - 1.1.3.2 PEAK: 10 WATTS (100 US PULSE WIDTH AND 0.1% DUTY CYCLE).
 - 1.1.4 VSWR: DC TO 4.0 GHZ - 1.10 MAX.
 - 4.0 TO 8.0 GHZ - 1.15 MAX.
 - 8.0 TO 12.0 GHZ - 1.20 MAX.
 - 12.0 TO 18.0 GHZ - 1.30 MAX.
- 1.2 MECHANICAL:
 - 1.2.1 OUTLINE DWG: SEE SHEET 2.
- 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 +125°C.

2.0 UNIT MARKING: "EMCT AND 4910".
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 730F007 FOR COMMERCIAL GRADE PRODUCT.
- 3.3 TEST DATA REQUIREMENTS:
 - 3.3.1 NO TEST DATA REQUIRED FOR CUSTOMER.
 - 3.3.2 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 #	1003715000
	CHANGE NOTICE	EN 15-0393	REV LVL	F
			SHEET	1 OF 2