

TITLE: SPECIFICATION CONTROL DRAWING
EMC PROPRIETARY

REVISIONS RECORD			
REV	SHEET	DATE	DESCRIPTION

[illegible]

ENGINEERING NOTES

TEST TIMES: GROUP A = 2 WEEKS
GROUP B = 8 WEEKS
GROUP C = 8 WEEKS

STANDARD LEADTIME 10 WEEKS TO BUILD PRODUCT BEFORE TESTING IF NO STOCK AVAILABLE.

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE. STUART, FL 34997	CAGE CODE # 24602	DWG# 1011785000	SHEET	REF
			REV LEVEL	-

TITLE: SPECIFICATION CONTROL DRAWING

PART IDENTIFIER: HRKFAXX.00XX

X = FREQUENCY RANGE SEE TABLE 1

X = TEST CODE A=GROUP A, B=GROUP B AND C=GROUP C

XX ATTENUATION VALUE

TABLE 1

NUMBER CODE	FREQUENCY RANGE (GHZ)
5	16-36

DESCRIPTION: HIGH RELIABILITY CHIP ATTENUATOR (K-BAND).

ASSEMBLY DWG: N/A

1.0 SPECIFICATIONS:

1.1 ELECTRICAL:

- 1.1.1 OPERATING FREQUENCY RANGE (BANDWIDTH): SEE TABLE 1.
- 1.1.2 ATTENUATION VALUES: 1-10 DB
- 1.1.3 ATTENUATION TOLERANCE AT 25°C: ± 1.00 dB.
- 1.1.4 POWER DISSIPATION: 200 mW @ +100°C, DERATED LINEARLY TO ZERO WATT @ +150°C.
- 1.1.5 VSWR: 1.35:1 TYPICAL

1.2 MECHANICAL:

- 1.2.1 OUTLINE DWG AND DERATING CURVE: SEE SHEET 3.
- 1.2.2 WORKMANSHIP: PER MIL-PRF-55342.

1.3 ENVIRONMENTAL:

- 1.3.1 OPERATING TEMPERATURE RANGE: -55°C TO +150°C.
- 1.3.2 STORAGE TEMPERATURE: -55°C TO +150°C.

2.0 UNIT MARKING: DB VALUE

LEGIBILITY AND PERMANENCY PER MIL-STD-130.

3.0 QUALITY ASSURANCE:

- 3.1 VERIFY 100% VISUAL PRE-CAP INSPECTION PERFORMED PER TP-9010
- 3.2 PERFORM GROUP A, B AND/OR C TESTING AS INDICATED BY THE PART NUMBER PER TP-9010.
- 3.3 TEST DATA REQUIREMENTS:
 - 3.3.1 TEST DATA REQUIRED FOR CUSTOMER - TP-9010.
 - 3.3.2 DATA RETENTION - 24 MONTHS.
 - 3.3.3 TEST SAMPLES REQUIRED FOR CUSTOMER - TP-9010.

4.0 PACKAGING: STANDARD WAFFLE PACKING PER 755W002.

EMC TECHNOLOGY 8851 SW OLD KANSAS AVE. STUART, FL 34997	CAGE CODE # 24602		DWG #	1011785000
	CHANGE NOTICE	EN 13-2751	REV LVL	-
			SHEET	1 OF 2

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