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**REVISIONS**

REV	DESCRIPTION	DATE	APPV'D
-	Initial Release – ECO 20056881		See Below



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Engineering

Approved By: R. Moore Date 4/28/06  
Manufacturing

Approved By: D. Valdinocci Date 5/1/06  
Quality Assurance

**PRODUCTION**

**TITLE:**

PRODUCT SPECIFICATION

**DWG NO:**

PS-MACS-007864-0M1RPF

**REV: -**

**SHEET 1 of 2**

**DESCRIPTION:**

A K-Band harmonic suppresser filter designed for use with MACS-007964-0M1R19 and MACS-007964-0M1R24 Doppler Transceivers.

**ELECTRICAL SPECIFICATIONS:**

Passband Frequency:	24.000GHz to 24.500GHz
VSWR:	1.7:1 Max
Insertion loss:	0.6dB Max
Harmonic suppression:	5dB Min

**MECHANICAL SPECIFICATIONS**

Outline:	Per OD MACS-007964-0M1RPF
Input/Output:	To mate with UG-595/U, WR-42 waveguide.
Finish:	RoHS Compliant Trivalent Coating.

**ENVIRONMENTAL CHARACTERISTICS**

Top:	-30°C to +70°C to full specification
T <sub>storage</sub> :	-50°C to +110°C

1011 PAWTUCKET BLVD, LOWELL, MA 01853	CAGE CODE: 96341	DWG. PS-MACS-007864-0M1RPF
	SHEET 2 OF 2	REV. -