

Delta Datasheet

Technical Data on Delta Microwave Products

17 GHz BANDPASS FILTER

Model **Ku1307**

Features:

Compact Size

Co-Axial Cavity Configuration

High Performance



Description:

The Model Ku1307 Bandpass Filter was developed for high performance applications.

The filter design uses a three section co-axial cavity bandpass filter. The housing is silverplated 6061-T6 Aluminum.

For more information on high frequency products, Delta Microwave can be contacted via the Internet at <http://www.deltamicrowave.com>. Or you can call or fax your request Delta Microwave, or contact one of our sales representatives in your area.

Specifications:

Center Frequency 17.586 GHz

3dB Bandwidth 400 MHz Nominal

Insertion Loss..... 2.0 dB

VSWR..... 1.5:1 Max.

20 dB Bandwidth ± 550 MHz

45 dB Bandwidth ± 1200 MHz

Connectors..... SMAF

Operating Temperature..... -20 to +70° C

Size 0.5" x 0.5" x 1.05"

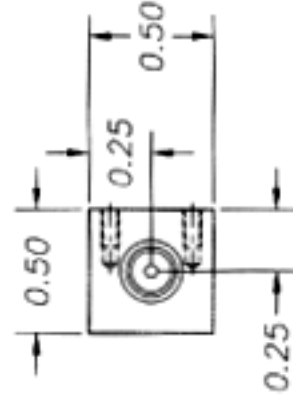
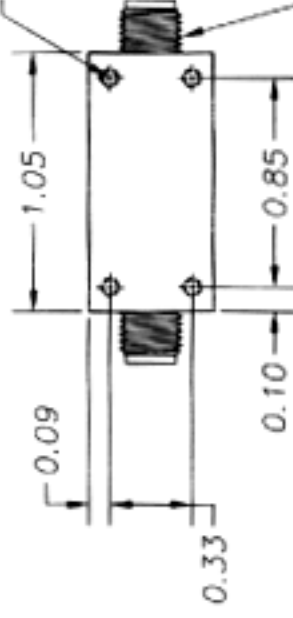


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REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	RELEASED	10/12/99	

1-72 UNC-2B X 0.15 DEEP
4 PLACES FARSIDE



2. MARKING: USING BLACK WARMOW INK TO INCLUDE:
DELTA MICROWAVE, MODEL NO., SERIAL NO.,
CODE IDENT. NO. 51719 AND DATE CODE

1: FINISH: HAZE GRAY EPOXY POLYAMIDE TOPCOAT
PER MIL-P-24441B TYP.1
(AS) COLOR NO.26270, FORMULA 151
PER MIL-P-24441/1C, QPL 24441-103
USING EPOXY POLYAMIDE PRIMER
PER MIL-P-24441B TYP.1 24272 GREEN
FORMULA 150 PER MIL-P-24441/1C, QPL 24441-103

NOTES:

REV	CODE	DATE	DESCRIPTION	APPROVED	DATE	APPROVED
1	B	10/12/99	DELTA MICROWAVE	DELTA MICROWAVE	10/12/99	10/12/99
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS MILLIMETERS AS SHOWN UNLESS OTHERWISE SPECIFIED MATERIALS DO NOT SCALE DRAWING			CONTRACT NO. KU1307 APPROVALS DATE 10/12/99 4/2/99			DELTA MICROWAVE UNIT MANUFACTURED OR ASSEMBLED CALIFORNIA 92033
TITLE OUTLINE			CODE IDENT. NO. B 51719			DRAWING NO. KU1307
SCALE 2/1			SHEET 1 OF 1			

CH1: A/R-M REF - 1.49 dB
5.0 dB/ REF + :00 dB

CH2: B/R-M REF + :14 dB
1.0 dB/ REF + :00 dB

