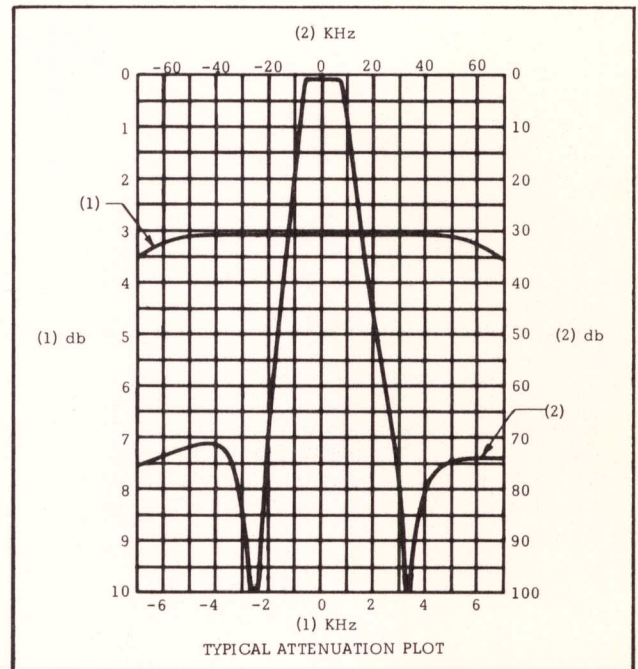
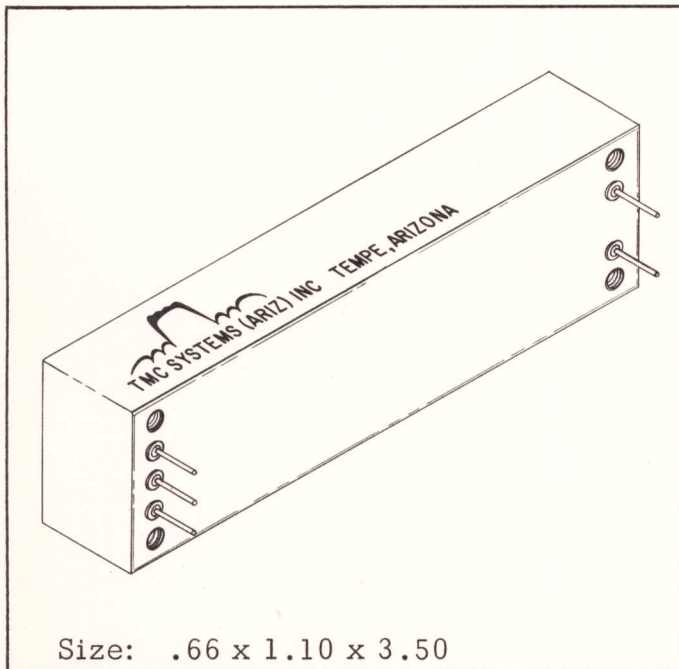


T.M.C. SYSTEMS (ARIZ.) INC.
 930 WEST 23RD STREET
 TEMPE, ARIZONA 85281
 PHONE (602) 967-7875 TWX 910-950-1943

L C FILTER DATA SHEET
 BANDPASS - SYMMETRICAL
 AVAILABLE FROM
 250 KHz TO 5 MHz

GENERAL DESCRIPTION

This filter was designed for use with FET balanced mixers and presents a very flat 12 KHz passband. Typically the response variation is less than .1 db. The filter can be supplied to be driven by a single ended source with a resistive impedance between 50 ohms and 5K ohms.



SPECIFICATIONS

Passband Ripple

.2 db max. (.1 db in any 3 KHz segment in region $f_0 \pm 6$ KHz)

Insertion Loss

10 db maximum

Source and Load Impedance

50 ohms to 5K ohms (specify)

Operative Temperature Range

-0° to +50°C

Non-operative Temp. Range

-20°C to +75°C

Max. Envelope Delay Distortion

30 sec. over the ± 6 KHz BW

.2 db Bandwidth

12 KHz minimum

1 db Bandwidth

16 KHz minimum

60 db Bandwidth

60 KHz maximum

Ultimate Stopband Reject

65 db minimum

