

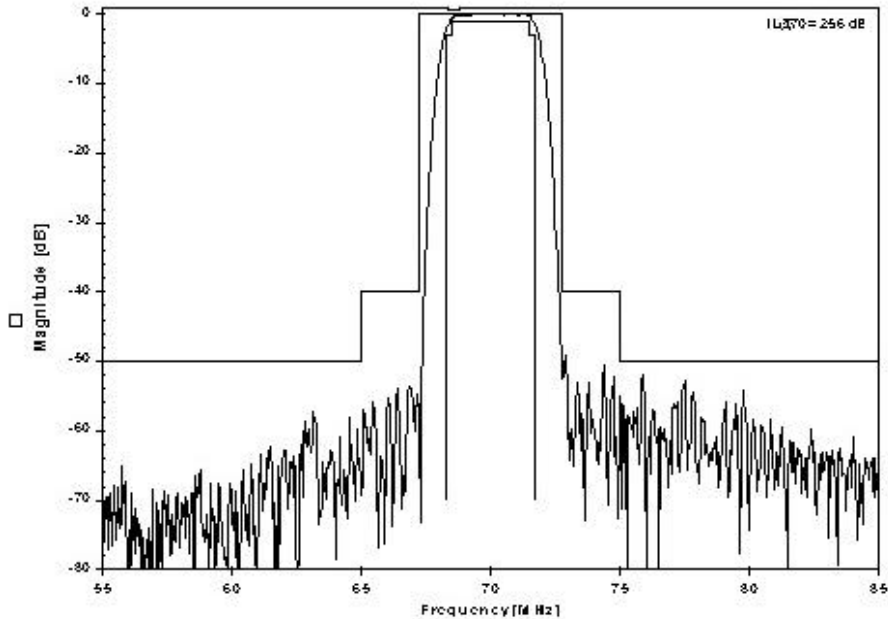
Electrical Specifications

Parameter	Min	Typ(25°C)	Max	Units	Notes
Center Frequency , Fc	69.91	70	70.09	MHz	
IL @ 70 MHz		25	27	dB	1
Passband Ripple at 25°C		.7	.8	dB	3
Group Delay Variation		65	100	nsec	2
Phase Linearity		2.2	6	°, rms	2
BW @ 1 dB	3.0	3.2		MHz	1
BW @ 3 dB	3.5	3.6		MHz	1
BW @ 40 dB		5.2	5.6	MHz	1
Rejection: Fc=70 MHz					
Fc-20 to Fc-5 MHz	50	>50		dB	1
Fc-5 to Fc-2.8 MHz	40	>50		dB	1
Fc+2.8 to Fc+5	40	>50		dB	1
Fc+5 to Fc+20 MHz	50	>50		dB	1
Operating Temperature	TBD		TBD	°C	

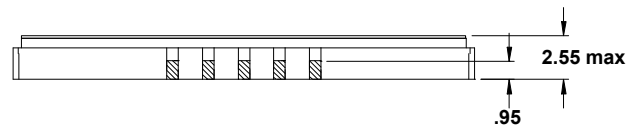
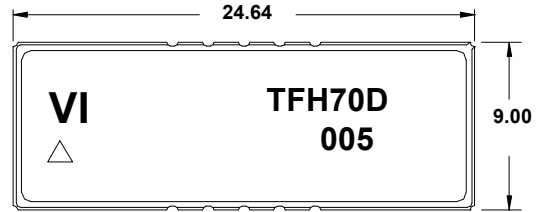
Notes:

- 1) Reference IL @ 70 MHz.
- 2) Measured across 68.5 to 71.5 MHz (Fc +/- 1.5 MHz).
- 3) Measured as the p-p passband variation across 68.6 to 71.4 MHz (Fc +/- 1.4 MHz)

Typical Response Curve

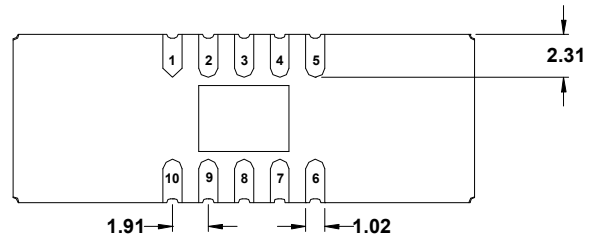


Package Details

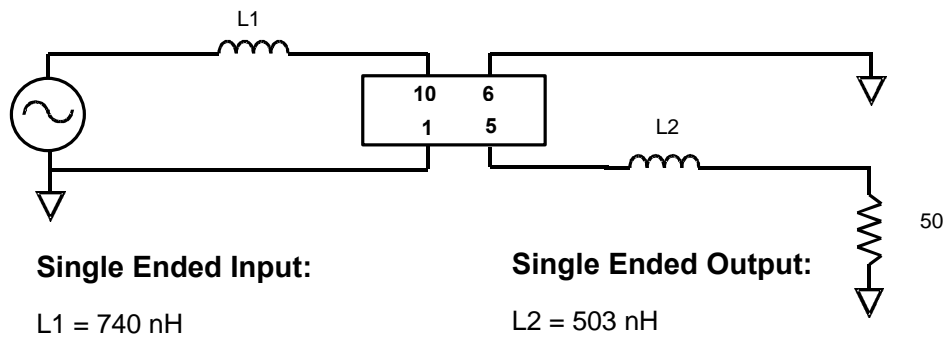


Pin Configuration (SE Drive)

Input: 10
Input Return: 1
Output: 5
Output Return: 6
Ground: 2,3,4,7,8,9



Matching Network



Note: Matching values may change on customer's PCB.
Requires 2% matching components.