

LC9S SERIES



Chebyshev

Frequency Range from 30 MHz to 6 GHz

Available from stock



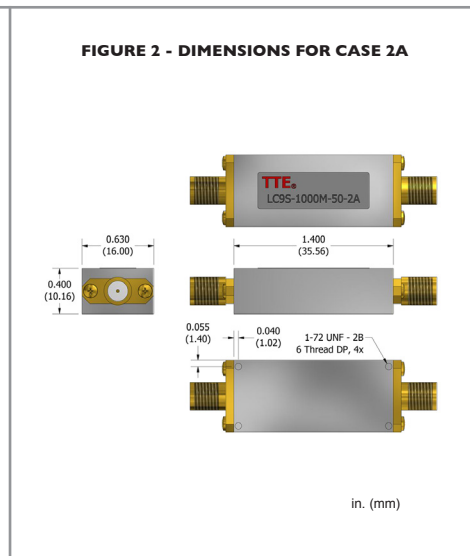
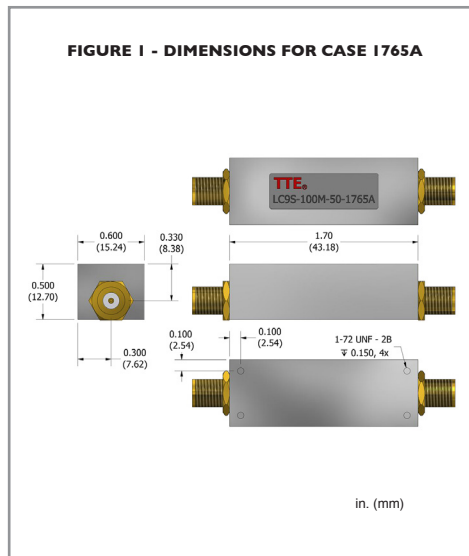
PART NUMBER	f _{-1dBc} FREQUENCY MHz	INPUT POWER MAX W	STOPBAND 1 ATTENUATION dBc	STOPBAND 1 FREQUENCY MHz	STOPBAND 2 ATTENUATION dBc	STOPBAND 2 FREQUENCY MHz	CASE DIMENSIONS FIGURE
LC9S*-30M-50-1765A	30	5	-40	45	-60	60	1
LC9S*-100M-50-1765A	100	5	-40	150	-60	200	1
LC9S*-225M-50-1765A	225	10	-40	337	-60	450	1
LC9S*-300M-50-1765A	300	10	-40	450	-60	600	1
LC9S*-400M-50-1765A	400	10	-40	600	-60	800	1
LC9S*-700M-50-1765A	700	10	-40	1050	-60	1400	1
LC9S*-1000M-50-2A	1000	10	-40	1500	-60	2000	2
LC9S*-2000M-50-2A	2000	10	-40	3000	-60	4000	2
LC9S*-3000M-50-2A	3000	10	-40	4500	-60	6000	2
LC9S*-4000M-50-2A	4000	10	-40	6000	-60	8000	2
LC9S*-5000M-50-2A	5000	10	-40	7500	-60	10000	2
LC9S*-6000M-50-2A	6000	10	-40	11500	-60	16000	2

Note: TTE's products are made in the USA. This series is readily available from stock and provides off-the-shelf convenience. Application-specific designs are also available; please contact TTE for assistance.

***For RoHS compliant, insert "R" in place of asterisk. Example: LC9SR-30M-50-1765A**

TTE designates a component RoHS-compliant by adding "R" (RoHS) within the part number.

These RoHS components meet the ≤ 0.1% lead requirement and they are compatible with 260°C soldering processes.



NOTES:

- Operating Temperature Range: 0°C to +70°C
- Number of Poles: 9
- Passband VSWR: 1.5:1 Maximum
- Case Selection: SMA Female
- Termination: 50 Ω
- Insertion Loss: 1.0 dB Max
- Fast Roll-off Rate

PART NUMBER DERIVATION:

LC9S	*(R)	-30M	-50	-1765A
1	2	3	4	5

- 1) Series Name
- *2) "R" RoHS compliant. Allow for longer lead time.
- 3) Frequency -1dBc
- 4) Terminations
- 5) Case Selection

The LC9S series was expanded since its introduction in 2014. Parts are now available from stock at frequencies of 4 GHz, 5 GHz and 6 GHz.