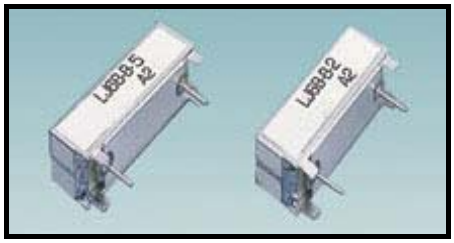
Dielectric Filter (PF Type)

VANLONG

Features

LJ Series



- Small and light size
- Low insertion loss for using high Q-value resonators
- Excellent temperature stability
- Excellent mechanical structure
- Good selectivity
- Suitable for reflow soldering

Electronic Characteristics

Part Number	Center Freq. f_O (MHz)	-1dB Bandwidth (MHz)	Insertion Loss (dB max)	Ripple in Pass Band (dB max)	VSWR max	Stop Band Attenuation (dB min)	Operation Temperature Range (°C)
LJ □ E30B-A	800 ~ 1000	f_O ± 15	1.8	0.5	1.8	60 (f_O ± 160)	-55 ~ +85
LJ □ E40B-A	1000 ~ 1200	f_O ± 20	1.8	0.5	1.8	60 (f_O ± 160)	-55 ~ +85
LJ □ E50B-A	1200 ~ 1500	f_O ± 25	1.8	0.5	1.8	50 (f_O ± 160)	-55 ~ +85
LJ □ E60B-A	1500 ~ 1800	f_O ± 30	1.8	0.5	1.8	50 (f_O ± 160)	-55 ~ +85
LJ □ E24B-B	800 ~ 1000	f_O ± 12	2.0	0.5	1.8	60 (f_O ± 120)	-55 ~ +85
LJ □ E30B-B	1000 ~ 1200	f_O ± 15	2.0	0.5	1.8	60 (f_O ± 120)	-55 ~ +85
LJ □ E35B-B	1200 ~ 1500	f_O ± 17.5	2.0	0.5	1.8	50 (f_O ± 120)	-55 ~ +85
LJ □ E40B-B	1500 ~ 1800	f_O ± 20	2.0	0.5	1.8	50 (f_O ± 120)	-55 ~ +85
LJ □ E15B-C	800 ~ 1000	f_O ± 7.5	2.4	0.5	1.8	60 (f_O ± 100)	-55 ~ +85
LJ □ E20B-C	1000 ~ 1200	f_O ± 10	2.4	0.5	1.8	60 (f_O ± 100)	-55 ~ +85
LJ □ E25B-C	1200 ~ 1500	f_O ± 12.5	2.4	0.5	1.8	50 (f_O ± 100)	-55 ~ +85
LJ □ E30B-C	1500 ~ 1800	f_O ± 15	2.4	0.5	1.8	50 (f_O ± 100)	-55 ~ +85
LJ □ E15B-D	800 ~ 1000	f_O ± 7.5	3.0	0.5	1.8	70 (f_O ± 100)	-55 ~ +85
LJ □ E20B-D	1000 ~ 1200	f_O ± 10	3.0	0.5	1.8	70 (f_O ± 100)	-55 ~ +85
LJ □ E25B-D	1200 ~ 1500	f_O ± 12.5	3.0	0.5	1.8	60 (f_O ± 100)	-55 ~ +85
LJ □ E30B-D	1500 ~ 1800	f_O ± 15	3.0	0.5	1.8	60 (f_O ± 100)	-55 ~ +85

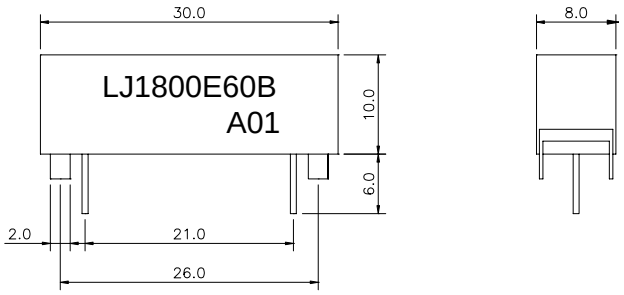
Note: Please consult VTC support for other frequencies and specifications that are not listed above.

Method of Definition

L J 1800 E 60 B - A

L : Dielectric Filter
J : Dielectric material
C : SMD type
1800 : Center frequency in MHz
E : Dimensions
30 : Bandwidth in MHz
B : Max. operating temperature
A : Product series

Outline Drawing



Phone: +86 10 6301 4184 Fax: +86 10 6301 9167 Email: sales@vanlong.com Web: http://www.vanlong.com

© April 2004 by Vanlong Technology Co., Ltd.