

Features

- 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

LJ Series



Electronic Characteristics

Part Number	Center Freq. f_0 (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	$f_0 \pm 15$	1.8	0.5	1.8	60 ($f_0 \pm 160$)	-55 ~ +85
LJ □ E40B-A	1000 ~ 1200	$f_0 \pm 20$	1.8	0.5	1.8	60 ($f_0 \pm 160$)	-55 ~ +85
LJ □ E50B-A	1200 ~ 1500	$f_0 \pm 25$	1.8	0.5	1.8	50 ($f_0 \pm 160$)	-55 ~ +85
LJ □ E60B-A	1500 ~ 1800	$f_0 \pm 30$	1.8	0.5	1.8	50 ($f_0 \pm 160$)	-55 ~ +85
LJ □ E24B-B	800 ~ 1000	$f_0 \pm 12$	2.0	0.5	1.8	60 ($f_0 \pm 120$)	-55 ~ +85
LJ □ E30B-B	1000 ~ 1200	$f_0 \pm 15$	2.0	0.5	1.8	60 ($f_0 \pm 120$)	-55 ~ +85
LJ □ E35B-B	1200 ~ 1500	$f_0 \pm 17.5$	2.0	0.5	1.8	50 ($f_0 \pm 120$)	-55 ~ +85
LJ □ E40B-B	1500 ~ 1800	$f_0 \pm 20$	2.0	0.5	1.8	50 ($f_0 \pm 120$)	-55 ~ +85
LJ □ E15B-C	800 ~ 1000	$f_0 \pm 7.5$	2.4	0.5	1.8	60 ($f_0 \pm 100$)	-55 ~ +85
LJ □ E20B-C	1000 ~ 1200	$f_0 \pm 10$	2.4	0.5	1.8	60 ($f_0 \pm 100$)	-55 ~ +85
LJ □ E25B-C	1200 ~ 1500	$f_0 \pm 12.5$	2.4	0.5	1.8	50 ($f_0 \pm 100$)	-55 ~ +85
LJ □ E30B-C	1500 ~ 1800	$f_0 \pm 15$	2.4	0.5	1.8	50 ($f_0 \pm 100$)	-55 ~ +85
LJ □ E15B-D	800 ~ 1000	$f_0 \pm 7.5$	3.0	0.5	1.8	70 ($f_0 \pm 100$)	-55 ~ +85
LJ □ E20B-D	1000 ~ 1200	$f_0 \pm 10$	3.0	0.5	1.8	70 ($f_0 \pm 100$)	-55 ~ +85
LJ □ E25B-D	1200 ~ 1500	$f_0 \pm 12.5$	3.0	0.5	1.8	60 ($f_0 \pm 100$)	-55 ~ +85
LJ □ E30B-D	1500 ~ 1800	$f_0 \pm 15$	3.0	0.5	1.8	60 ($f_0 \pm 100$)	-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

