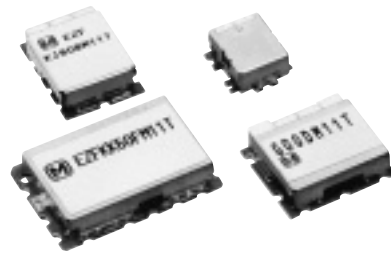


Dielectric Band-pass Filters (SMD)

Series: **K**

- Type: **AM** (2 Poles)
BM (3 Poles)
DM (4 Poles)
EM (5 Poles)
FM (6 Poles)



Surface mount, Dielectric Band-pass Filters, Series K were designed for applications such as digital cellular base stations (GSM, DCS, PCS).

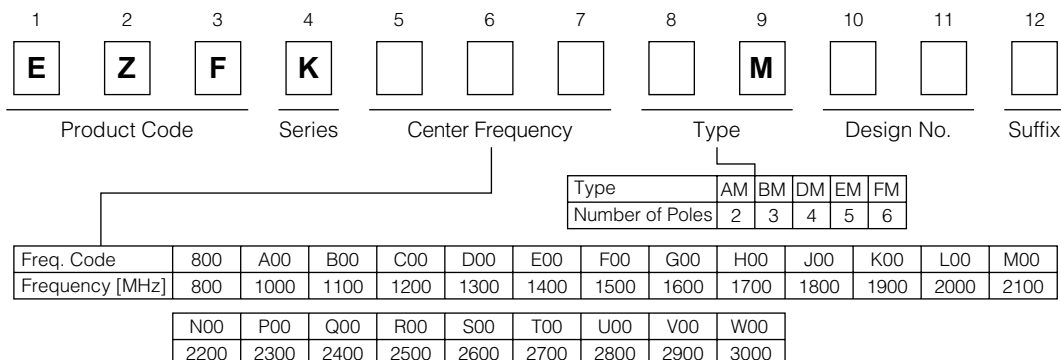
Features

- Compact and thin size for SMD
- Low insertion loss
- High attenuation
- Designed for reflow soldering
- Embossed taping available
- Available frequency range: 800 to 3000 MHz

Recommended Applications

- GSM/EGSM Base station
- DCS Base station
- PCS Base station
- WLL Base station

Explanation of Part Numbers



Ratings

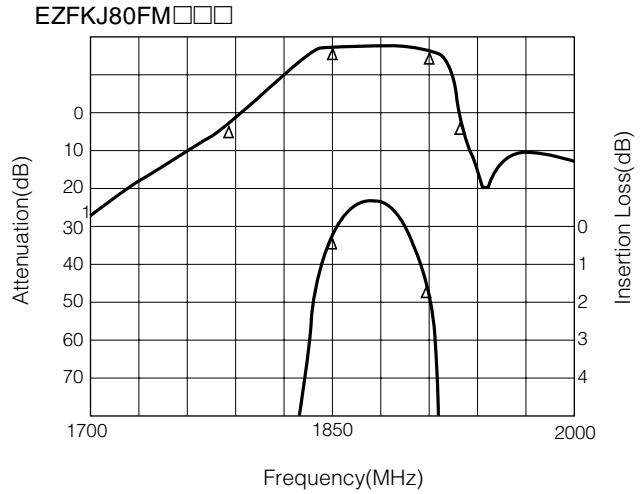
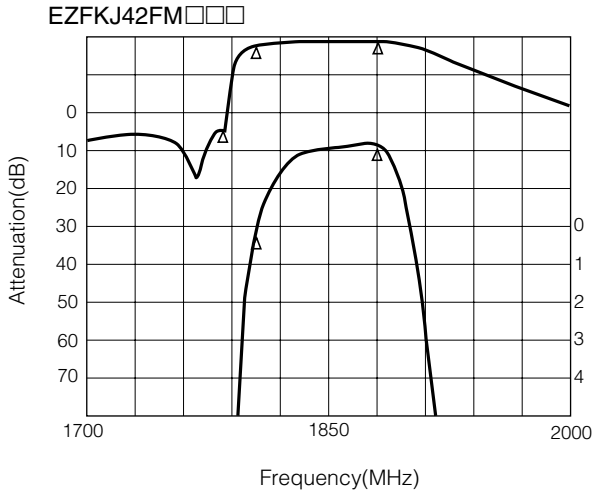
Item	Ratings
Operating Temperature Range	-25 to +85 °C
Storage Temperature Range	-40 to +85 °C
Rated Input Power	1 W
Input/Output Impedance	50 Ω

Characteristics

System	Part No.	Center Frequency (MHz)	Passband Width (MHz)	Insertion Loss (dB)	Attenuation (dB)(MHz)
EGSM	EZFK897FM□□□	897.5	±17.5	4.6	9.5(925 to 960)
	EZFK942FM□□□	942.5	±17.5	5.8	40(880 to 915)
DCS	EZFKH47FM□□□	1747.5	±37.5	3.5	20(1805 to 1880)
	EZFKJ42FM□□□	1842.5	±37.5	3.5	20(1710 to 1785)
PCS	EZFKJ80FM□□□	1880.0	±30.0	3.2	20(1930 to 1990)
	EZFKK60FM□□□	1960.0	±30.0	3.0	20(1850 to 1910)

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Typical Characteristics



Dimensions in mm (not to scale)

