

### Dielectric Band-pass Filters

#### Model EZFK Series



Dielectric Band-pass Filters, Series K are compact surface mounting devices and are designed for such applications as digital cellular base stations (GSM, DCS, PCS, etc), featuring low insertion loss and large attenuation.

These dielectric Filters for Base Stations customize-able according to customers demand.

#### Features:

- Wide frequency range from 300 MHz to 3 GHz
- Wide variation in number of pole from 2 poles to 6 poles
- Compact and thin type SMD
- Low insertion loss
- Large attenuation
- Designed for reflow
- Embossed taping types

#### Recommended Applications:

- W-CDMA / CDMA2000 Base station
- GSM800 / GSM1800 / GSM1900 / EGSM Base station
- DCS / PCS / WLL Base station
- etc.

#### Explanation for Part Numbers:

1	2	3	4	5	6	7	8	9	10	11	12
<b>E</b>	<b>Z</b>	<b>F</b>	<b>K</b>					<b>M</b>			
Product Code			Series	Center Frequency			Type	Design No.		Suffix	
Type		AM	BM	DM	EM	FM					
Pole of Number		2	3	4	5	6					
Center Frequency <sup>1</sup>		300	A68	B00	J80	K00	N00	P00	...		
Frequency [MHz]		300	1068	1100	1880	1900	2200	2300	...		

Note:

1. Center frequencies are only an extract, we can offer a wide range for dielectric filters, which fits also to your specification.

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##### Ratings:

Item	Ratings
Operating Temperature Range	-35 °C to +85 °C
Storage Temperature Range	-40 °C to +85 °C
Rated Input Power	1W
Input / Output Impedance	50 Ω

##### Characteristics:

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

Note:

Above characteristics are only an extract, we can offer a wide range for dielectric filters, which fits also to your specification. Design and specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.

#### for more information, please contact:

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