

Multilayer Diplexers

Series: **D**



Multilayer Diplexers for dual band telephones (GSM/DCS, AMPS/PCS), featuring low insertion loss and high isolation.

■ Features

- Miniature sized SMD (3.2 × 1.6 × 1.1 mm)
- High isolation

■ Recommended Applications

- Dual band telephones (GSM/DCS, AMPS/PCS)

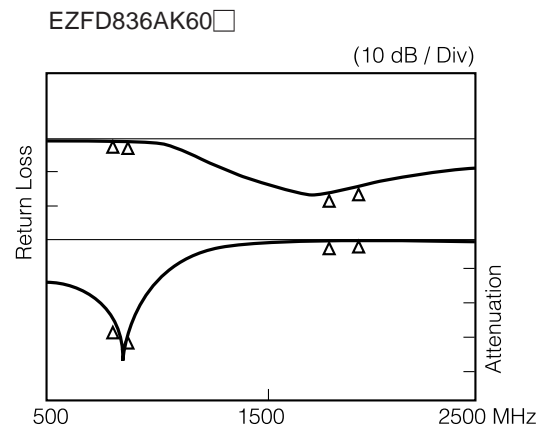
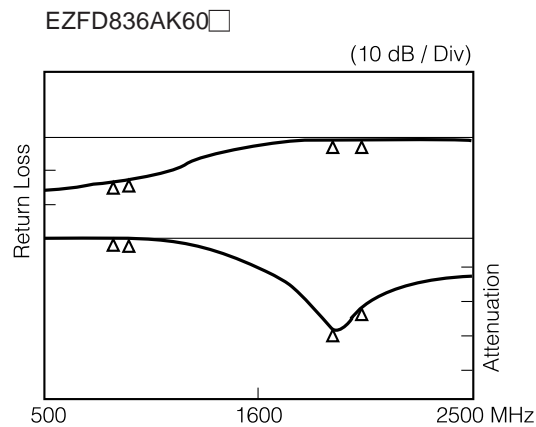
■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	Z	F	D								
Product Code			Series	Low-Channel Center Frequency			Type	High-Channel Center Frequency		Design No.	

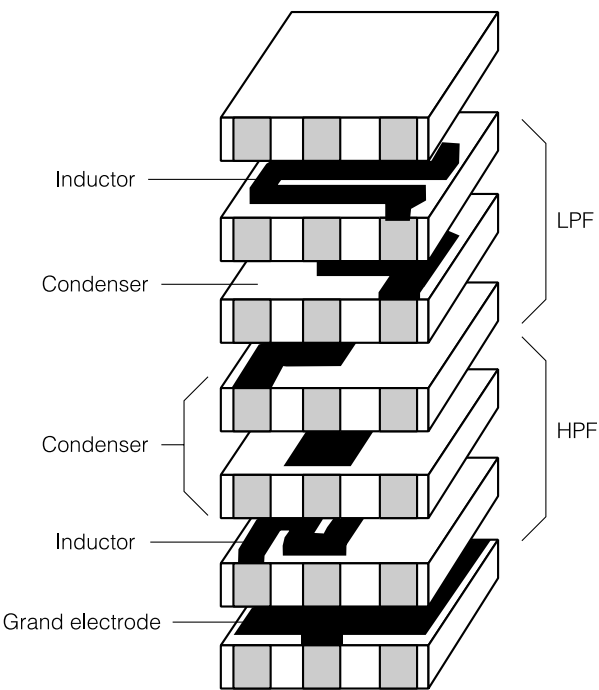
■ Characteristics

System	Part No.	Passband Width (MHz)	Insertion loss (dB)		VSWR	Attenuation (dB)
			25°C	-30°C to 85°C		
GSM/DCS	EZFD897AH47□	880 to 960 1710 to 1880	0.6 max. 0.6 max.	0.8 max. 0.8 max.	2.0 max. 2.0 max.	20 min. (1710 to 1880) 20 min. (880 to 960)
AMPS/PCS	EZFD836AK60□	824 to 894 1850 to 1990	0.6 max. 0.6 max.	0.8 max. 0.8 max.	2.0 max. 2.0 max.	20 min. (1850 to 1990) 20 min. (824 to 894)

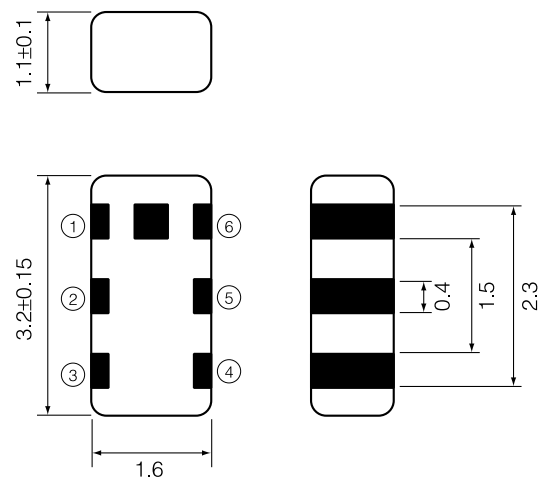
Typical Characteristics



Construction



Dimensions in mm (not to scale)



Terminal Configuration

①	GND	④	AMPS(P1)
②	Common(P3)	⑤	GND
③	GND	⑥	PCS(P2)