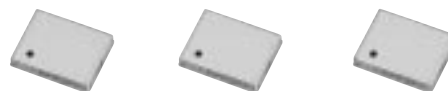


SAWPLEXER

(SAW embedded Antenna Switch Filter)

Series: **W**

Type: **TD (6.7×5.5×1.8 mm)**



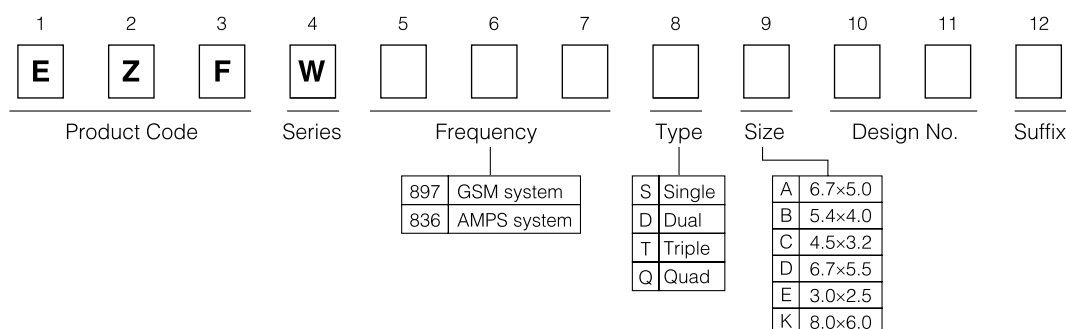
■ Features

- Small size
- SAW embedded
- LGA (Land Grid Array) type

■ Recommended Applications

- Cellular phones (Triple band (GSM/DCS/PCS))

■ Explanation of Part Numbers



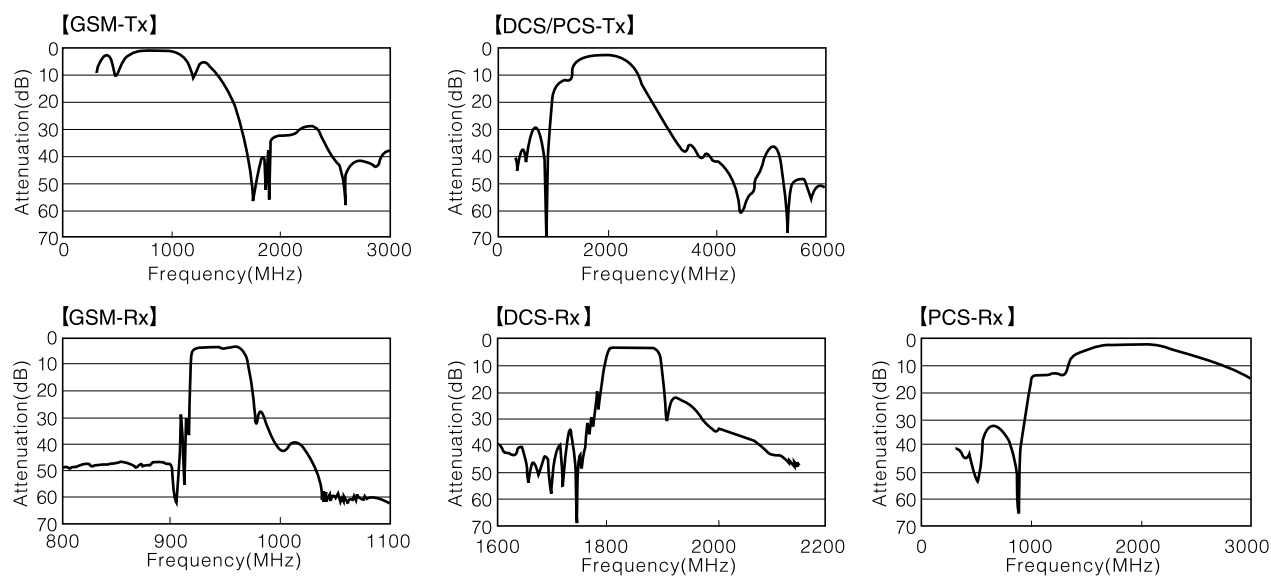
■ Ratings

Item	Ratings
Operating Temperature Range	-10 to 70 °C
Storage Temperature Range	-35 to 85 °C

■ Characteristics : EZFW897TD22S

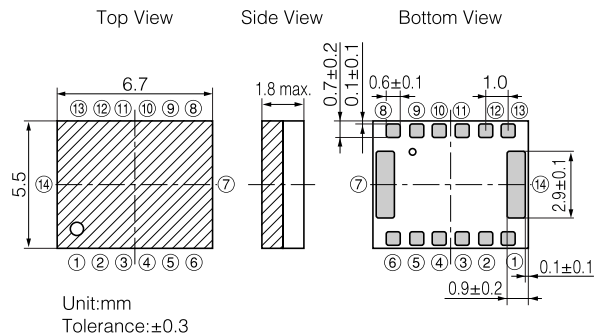
System GSM/DCS/PCS	Center Frequency (MHz)	Passband width (MHz)	Insertion loss (at 25 °C) (dB)	Attenuation (dB)	Input power (dBm)
GSM-Tx	897.5	±17.5	1.3 max.	30 db min. (1760-1830 MHz) 25 db min. (2640-2745 MHz)	35
GSM-Rx	942.5	±17.5	4.3 max.	18 db min. (880-915 MHz) 23 db min. (980-1800 MHz)	10
DCS-Tx	1747.5	±37.5	1.6 max.	30 db min. (3420-3820 MHz) 25 db min. (5153-5730 MHz)	32
DCS-Rx	1842.5	±37.5	4.5 max.	12 db min. (1710-1785 MHz) 15 db min. (1920-1980 MHz)	10
PCS-Tx	1880	±30.0	1.6 max.	30 db min. (3420-3820 MHz) 25 db min. (5130-5730 MHz)	32
PCS-Rx	1960	±30.0	1.5 max.		10

■ Characteristics : type TD



■ Dimensions in mm (not to scale)

Type:TD



Terminal No.	Terminal Name	Terminal No.	Terminal Name
①	PCS-Rx	⑧	ANT
②	Vc3	⑨	GND
③	DCS-Rx-1	⑩	Vc1
④	DCS-Rx-2	⑪	EGSM-Tx
⑤	EGSM-Rx-1	⑫	Vc2
⑥	EGSM-Rx-2	⑬	DCS/PCS-Tx
⑦	GND	⑭	GND