



SAW FILTER

Technical Data

EF455FU

SPECIFICATION FOR SAW FILTER

Band pass Filters for Tx of CDMA450

- High stability and reliability with good performance and no adjustment.
- Wide and sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.

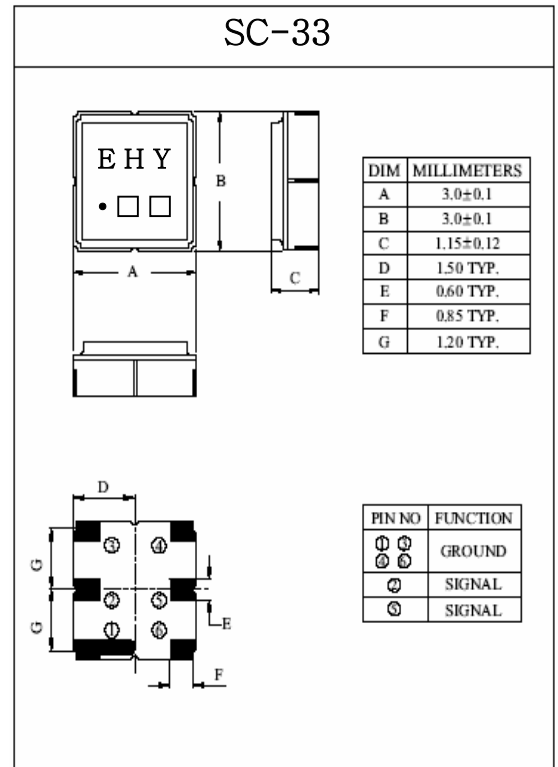


Maximum Ratings

Items	Rating	Unit
Input Signal Level	30	dBm
DC Permissive Voltage	10	V _{dc}
Storage Temperature Range	-30 ~ +85	°C

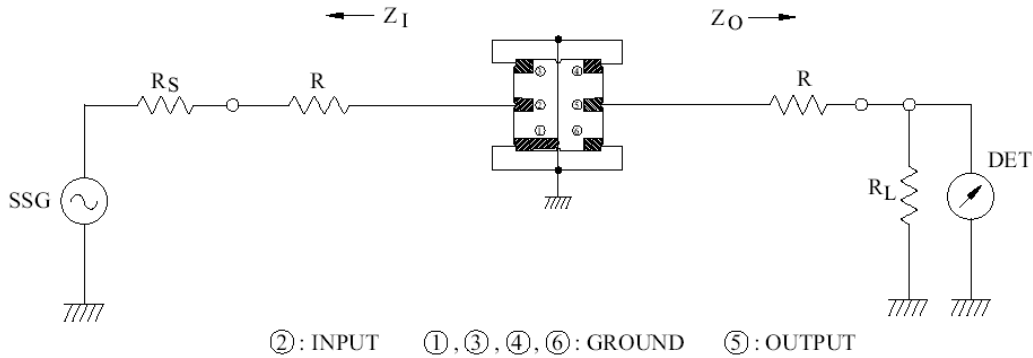
Electrical Characteristics

Items	Test Condition	Min.	Typ.	Max.	Unit
Center Frequency	-	-	455.0	-	MHz
Bandwidth (Operating Band)	-	452.5	-	457.5	MHz
Insertion Loss	F ₀ ± 2.5MHz	-	1.64	3.2	dB
Amplitude Ripple (p-p)	F ₀ ± 2.5MHz	-	0.57	2.0	dB
Attenuation	0.3 ~ 350MHz	30	33	-	dB
	350 ~ 445MHz	25	30	-	dB
	462.5 ~ 467.5MHz	30	43	-	dB
	467.5 ~ 2,000MHz	25	34	-	dB
Input/Output Impedance	-	-	50	-	Ω



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	Rev No.	

■ Matching Configuration



$R_S, R_L : 50 \Omega$ (Internal Impedance of Source and Load)
 $R : 0 \Omega$
 $Z_1(Z_0) = R_S(R_L) + R$

■ Typical Performance

