

CERAMIC FILTER(kHz) FOR COMMUNICATION (SMD TYPE)



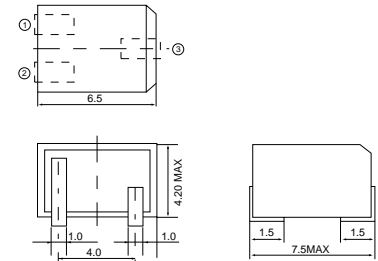
FEATURES

- Thin & Slim Type Surface Mounted Device
- Good Group Delay Time And Low Insertion Loss
- Good Reliability On Aging, Mechanical And Thermal Shocks.

SPECIFICATIONS

• 4 Elements Type

Part Number	6dB Band Width (kHz)min.	Att. Band Width (kHz)max.	Stop Band Attenuation (dB)min.	Ripple (dB) max.	GDT Ripple Dev. (μ) max.	Input/Output Impedance (Ω)
CS455A4	±17.5	±40	25	(±10kHz) 1.0	(±10kHz) 15	1,000
CS455B4	±15.0	±35	25	(±9kHz) 1.0	(±9kHz) 15	1,000
CS455C4	±12.5	±30	25	(±8kHz) 1.0	(±8kHz) 15	1,000
CS455D4	±10.0	±20	25	(±7kHz) 1.0	(±7kHz) 20	1,500
CS455E4	±7.5	±17.5	25	(±5kHz) 1.0	(±5kHz) 25	1,500
CS455F4	±6.0	±15	25	(±4kHz) 1.0	(±4kHz) 25	1,500
CS455G4	±4.5	±12.5	25	(±3kHz) 1.0	(±3kHz) 25	1,500



CS4 Type

UNIT : mm

1	: Input terminal
2	: Output terminal
3	: Ground terminal

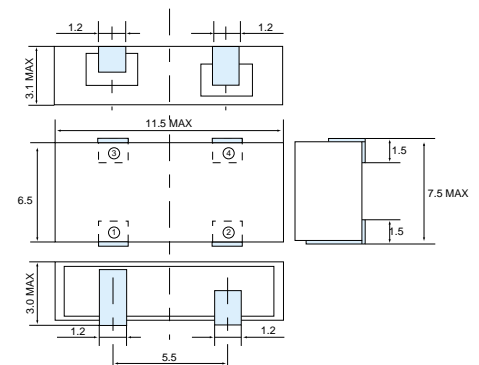
* 455kHz is Also Available

* Attenuation Bandwidth is Specified With Respect to 40dB

* Stop Band Attenuation is Specified With 455±100kHz

• 6 Elements Type

Part Number	6dB Band Width (kHz)min.	Att. Band Width (kHz)max.	Stop Band Attenuation (dB)min.	Ripple (dB) max.	GDT Ripple Dev. (μ sec) max.	Input/Output Impedance (Ω)
CS455B	±15.0	±35	45	(±9kHz) 2.0	(±9kHz) 50	1,000
CS455C	±12.5	±30	45	(±8kHz) 2.0	(±8kHz) 50	1,000
CS455D	±10.0	±20	45	(±7kHz) 2.0	(±7kHz) 50	1,500
CS455E	±7.5	±15	45	(±5kHz) 2.0	(±5kHz) 50	1,500
CS455F	±6.0	±12.5	45	(±4kHz) 2.0	(±4kHz) 50	1,500
CS455G	±4.5	±10.0	45	(±3kHz) 2.0	(±3kHz) 50	1,500



CS6 Type

UNIT : mm

Tolerance: ±0.3mm	
1	: Input Terminal
2	: Output Terminal
3, 4	: Ground Terminal

* 455kHz is Also Available

* Attenuation Bandwidth is Specified With Respect to 40dB

* Stop Band Attenuation is Specified With 455±100kHz