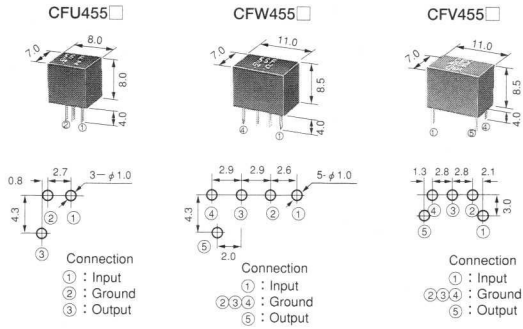


CERAMIC FILTER (CERAFIL®) FOR COMMUNICATION

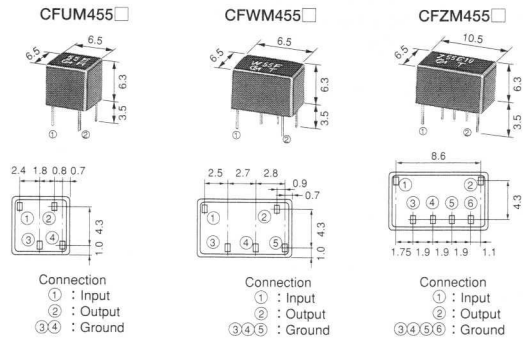
■ Resin Molded Type 455KHz

• General Series



(Unit : mm)

• Ultra-small Series



(Unit : mm)

Part Number		6dB Band Width (KHz)min.	Att. Band Width (KHz)max.	Stop Band Att. (dB) min.		Insetion Loss (dB)max.	In./Output mpedance (Ω)
CFU	CFW			CFU	CFW		
CFU455B2	CFW455B	±15	±30	27	35	4	1,500
CFU455C2	CFW455C	±12.5	±24	27	35	4	1,500
CFU455D2	CFW455D	±10	±20	27	35	4	1,500
CFU455E2	CFW455E	±7.5	±15	27	35	6	1,500
CFU455F2	CFW455F	±6	±12.5	27	35	6	2,000
CFU455G2	CFW455G	±4.5	±10	25	35	6	2,000
CFU455H2	CFW455H	±3	±9	25	35	6	2,000
CFU455I2	CFW455I	±2	±7.5	25	35	6	2,000
CFU455HT	CFW455HT	±3	±9	35	60	6	2,000
CFU455IT	CFW455IT	±2	±7.5	35	60	6	2,000
CFV455E		±8	±16	50		6	1,500
CFV455E10		±7.0	±12.5	50		6	1,500

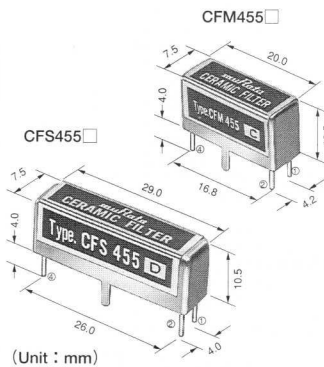
- Stop band attenuation is specified within 455±100KHz
- Attenuation band width is specified by the width of CFU : 40dB, CFW : 50dB and CFV : 60dB.

Part Number		6dB Band Width (KHz) min.	Att. Band Width (KHz)max.	Stop Band Att. (dB) min.		Insetion Loss (dB) max.	In./Output mpedance (KΩ)
CFUM	CFWM			CFUM	CFWM		
CFUM455B	CFWM455B	±15	±30	27	35	4	1,500
CFUM455C	CFWM455C	±12.5	±24	27	35	4	1,500
CFUM455D	CFWM455D	±10	±20	27	35	4	1,500
CFUM455E	CFWM455E	±7.5	±15	27	35	6	1,500
CFUM455F	CFWM455F	±6	±12.5	27	35	6	2,000
CFUM455G	CFWM455G	±4.5	±10	25	35	6	2,000
CFUM455H	CFWM455H	±3	±9	35	55	6	2,000
CFUM455I	CFWM455I	±2	±7.5	35	55	7	2,000

- CFUM455 is an ultra-small four-elements type of the conventional CFU455.
- CFWM455 is an ultra-small six-elements type of the conventional CFW455.
- CFZM455 is an ultra-small nine-elements type of the conventional metal case type CFZ455. (Please request an individual catalog regarding the specifications of the CFZM series.)
- See page 17-19 for chip type.

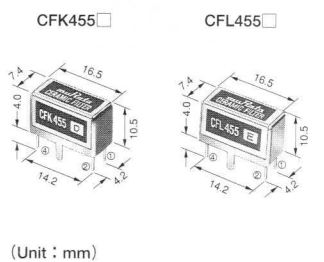
■ Metal Case Type

• General Series

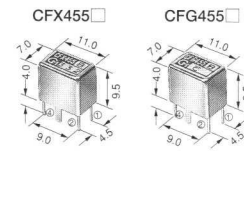


Characteristics	Center Frequency (KHz)	3dB Band Width (KHz) min.	6dB Band Width (KHz) min.	Ripple (dB) max.	70dB Band Width (KHz) max.	Stop Band Att 455±100KHz (dB) min.	Spurious 0.1~1MHz (dB) min.	Insetion Loss (dB) max.	In./Output mpedance (Ω)
CFK455B	455	±10	±15	3	±25	80	50	4	1000
CFK455C	455	±9	±13	3	±23	80	50	4	1000
CFK455D	455	±7	±10	3	±20	80	50	4	1500
CFK455E	455	±5.5	±8	3	±16	80	50	6	1500
CFK455E10	455	±5.0	±7.5	3	±12.5	80	50	6	1500
CFK455F	455	±4.2	±6	3	±12	80	50	6	2000
CFK455G	455	—	±4	3	±10	80	50	6	2000
CFK455H	455	—	±3	3	±7.5	80	50	7	2000
CFK455I	455	—	±2	3	±5	70	50	8	2000
CFK455J	455	—	±1.5	3	±4.5	70	50	8	2000
For SSB CFJ455K5	455	—	2.4 (total)	2	60dB Band Width 4.5(total)	—	60 (600~750KHz:40)	6	2000
For SSB CFJ455K14	455	—	±1.1~±1.3	2	60dB Band Width 4.5(total)	—	60 (600~750KHz:40)	7	2000
For SSB CFJ455K8	455	—	1.0 (total)	1.5	60dB Band Width 3.0(total)	60	—	8	2000

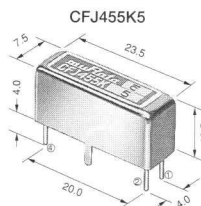
• Small Size Series



• Mini Size Series



• SSB Use



- ① : Input
- ②④ : Ground
- ③ : Output

