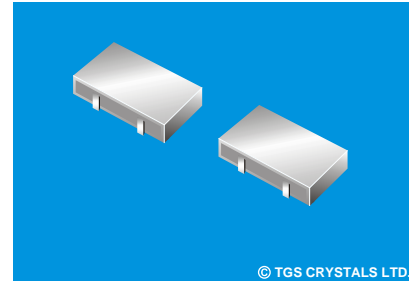


**FEATURES**

- Low Profile
- Small Size For 11.6X6.5X3.0mm

**APPLICATIONS**

- For Communication



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**SPECIFICATION FOR 450KHZ \***

Part Number	Centre Freq. (Centre of 6dB B.W)	3dB Band Width (KHz)	6dB Band Width (KHz)	50dB Band Width (KHz)	Stop Band Attenuation (450±100KHz)	Insertion Loss at Minimum (Max.)	Ripple (dB) Max.	Spurious Response Within (0.1~1.0MHz)	GDT Ripple Deviation (Use Max.)	Input/output Impedance (Ω)
CFMB450B	450±1.5	±10.0Min.	±15.0Min.	±30.0Min.	50dB Min.	4.0 dB	(±10KHz)2.0	20dB	(±10KHz)50	1500
CFMB450C	450±1.5	±8.0Min.	±12.5Min.	±25.0Min.	50dB Min.	4.0 dB	(±8KHz)2.0	20dB	(±8KHz)50	1500
CFMB450D	450±1.5	±7.0Min.	±10.0Min.	±20.0Min.	50dB Min.	4.0 dB	(±7KHz)2.0	20dB	(±7KHz)50	1500
CFMB450E	450±1.5	±5.5Min.	±7.5Min.	±15.0Min.	50dB Min.	4.0 dB	(±5KHz)2.0	20dB	(±5KHz)50	1500
CFMB450F	450±1.5	±4.0Min.	±6.0Min.	±12.0Min.	47dB Min.	6.0 dB	(±4KHz)2.0	20dB	(±4KHz)50	1500
CFMB450G	450±1.5	±3.0Min.	±4.5Min.	±10.0Min.	47dB Min.	6.0 dB	(±3KHz)2.0	20dB	(±3KHz)50	1500
CFMB450H	450±1.5	±2.0Min.	±3.0Min.	±9.0Min.	47dB Min.	6.0 dB	(±2KHz)2.0	20dB	(±2KHz)50	2000

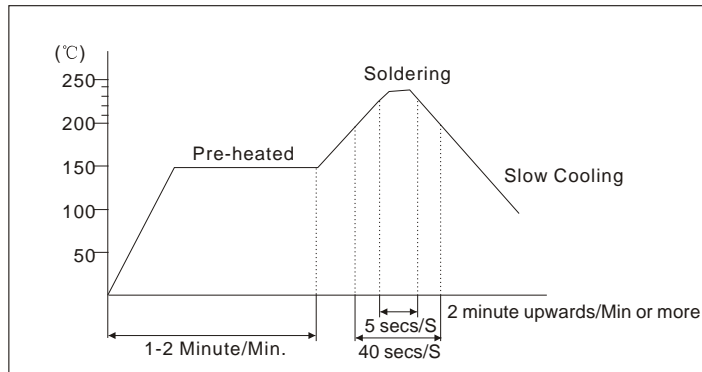
**SPECIFICATION FOR 455KHZ \***

Part Number	Centre Freq. (Centre of 6dB B.W)	3dB Band Width (KHz)	6dB Band Width (KHz)	50dB Band Width (KHz)	Stop Band Attenuation (455±100KHz)	Insertion Loss at Minimum (Max.)	Ripple (dB) Max.	Spurious Response Within (0.1~1.0MHz)	GDT Ripple Deviation (Use Max.)	Input/output Impedance (Ω)
CFMB455B	455±1.5	±10.0Min.	±15.0Min.	±30.0Min.	50dB Min.	4.0 dB	(±10KHz)2.0	20dB	(±10KHz)50	1500
CFMB455C	455±1.5	±8.0Min.	±12.5Min.	±25.0Min.	50dB Min.	4.0 dB	(±8KHz)2.0	20dB	(±8KHz)50	1500
CFMB455D	455±1.5	±7.0Min.	±10.0Min.	±20.0Min.	50dB Min.	4.0 dB	(±7KHz)2.0	20dB	(±7KHz)50	1500
CFMB455E	455±1.5	±5.5Min.	±7.5Min.	±15.0Min.	50dB Min.	4.0 dB	(±5KHz)2.0	20dB	(±5KHz)50	1500
CFMB455F	455±1.5	±4.0Min.	±6.0Min.	±12.0Min.	47dB Min.	6.0 dB	(±4KHz)2.0	20dB	(±4KHz)50	1500
CFMB455G	455±1.5	±3.0Min.	±4.5Min.	±10.0Min.	47dB Min.	6.0 dB	(±3KHz)2.0	20dB	(±3KHz)50	1500
CFMB455H	455±1.5	±2.0Min.	±3.0Min.	±9.0Min.	47dB Min.	6.0 dB	(±2KHz)2.0	20dB	(±2KHz)50	2000

- For safety purposes, connect the output of filters to the IF amplifier through a DC blocking capacitor, avoid applying a direct current to the output of ceramic filters.

\* Specifications Subject to Change Without Notice

**TEMPERATURE PROFILE REFLOW SOLDERING**



**PACKAGE**

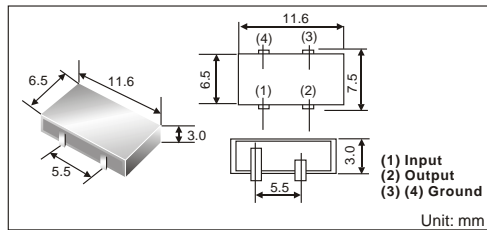
- Standard package in Tape/Reel: 1000 pcs/ Reel, 2 Reel/box , 5 box/carton. See Page 125 for detail dimensions

**PART NUMBER GUIDE**

TGS	CF	M	B	450	D	T
Mark	Ceramic Filter	SMD Type	Type B 11.6X6.5X3.0mm	Centre Frequency	Grade	T: Tape/Reel

e.g. Full P/N.: TGS CFMB 450 D T

**DIMENSIONS**



**TEST CIRCUIT**

