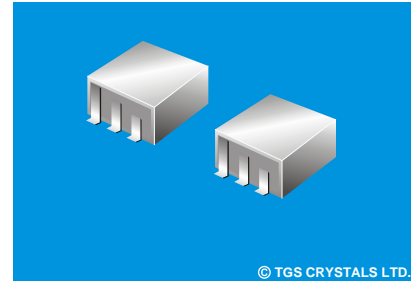


**FEATURES**

- Low Profile
- Small Size For 7.3X6.0X4.0mm

**APPLICATIONS**

- For Communication



© TGS CRYSTALS LTD.

**SPECIFICATION FOR 450KHz \***

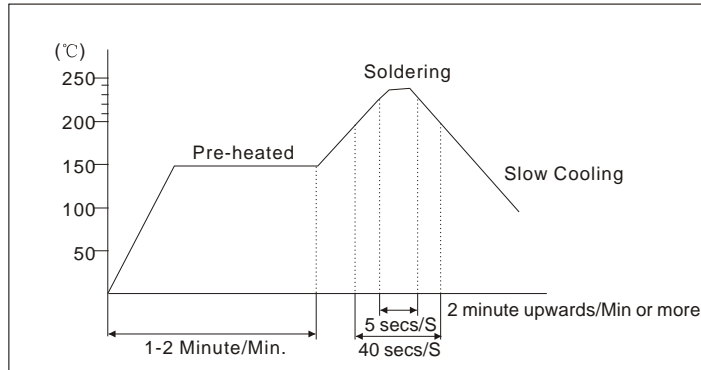
Part Number	Centre Frequency (Centre of 6dB B.W) (KHz)	Insertion Loss at Minimum (dB)Max.	Ripple (dB) Max.	6dB Bandwidth (KHz)Min.	40dB Bandwidth (KHz)Max	Stop Band Attenuation (450±100KHz) (dB) Min.	Input/output Impedance (Ω)
CFMC450BA	450±1.5	4	(±9KHz)2.0	±15	±30	27	1000
CFMC450CA	450±1.5	4	(±8KHz)2.0	±12.5	±25	27	1000
CFMC450DA	450±1.5	4	(±7KHz)2.0	±10	±20	27	1500
CFMC450EA	450±1.5	6	(±5KHz)2.0	±7.5	±15	27	1500
CFMC450FA	450±1.5	6	(±4KHz)2.0	±6.0	±12.5	27	1500
CFMC450GA	450±1.5	6	(±3KHz)2.0	±4.5	±10	25	1500
CFMC450HA	450±1.5	6	(±2KHz)2.0	±3.0	±9.0	25	2000

**SPECIFICATION FOR 455KHz \***

Part Number	Centre Frequency (Centre of 6dB B.W) (KHz)	Insertion Loss at Minimum (dB)Max.	Ripple (dB) Max.	6dB Bandwidth (KHz)Min.	40dB Bandwidth (KHz)Max	Stop Band Attenuation (455±100KHz) (dB) Min.	Input/output Impedance (Ω)
CFMC455BA	455±1.5	4	(±9KHz)2.0	±15	±30	27	1000
CFMC455CA	455±1.5	4	(±8KHz)2.0	±12.5	±25	27	1000
CFMC455DA	455±1.5	4	(±7KHz)2.0	±10	±20	27	1500
CFMC455EA	455±1.5	6	(±5KHz)2.0	±7.5	±15	27	1500
CFMC455FA	455±1.5	6	(±4KHz)2.0	±6.0	±12.5	27	1500
CFMC455GA	455±1.5	6	(±3KHz)2.0	±4.5	±10	25	1500
CFMC455HA	455±1.5	6	(±2KHz)2.0	±3.0	±9.0	25	2000

\* Specifications Subject to Change Without Notice

**TEMPERATURE PROFILE REFLOW SOLDERING**



**PACKAGE**

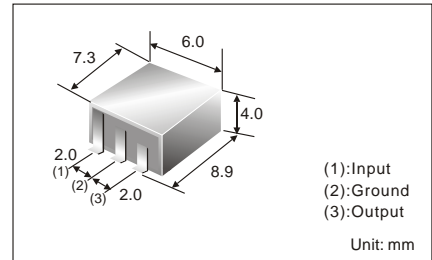
- Standard package in Tape/Reel: 1000 pcs/ Reel, 2 Reel/box , 5 box/carton.
- Please Contact us for detail dimensions

**PART NUMBER GUIDE**

TGS	CF	M	C	450	BA	T
Mark	Ceramic Filter	SMD Type	Type C 7.3X6.0X4.0mm	Centre Frequency	Grade	T: Tape/Reel

e.g. Full P/N.: TGS CFMC 450BA T

**DIMENSIONS**



**TEST CIRCUIT**

