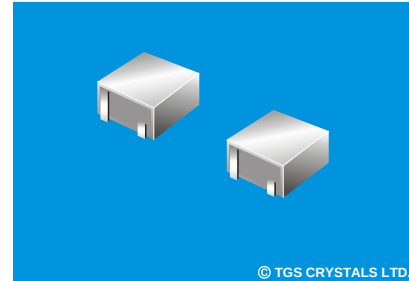


FEATURES

- Low Profile
- Small Size For 6.5X6.0X4.0mm

APPLICATIONS

- For Communication



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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)
CFMA450B	450±1.5	4	(±9KHz)2.0	±15	±30	27	1000
CFMA450C	450±1.5	4	(±8KHz)2.0	±12.5	±25	27	1000
CFMA450D	450±1.5	4	(±7KHz)2.0	±10	±20	27	1500
CFMA450E	450±1.5	6	(±5KHz)2.0	±7.5	±15	27	1500
CFMA450F	450±1.5	6	(±4KHz)2.0	±6.0	±12.5	27	1500
CFMA450G	450±1.5	6	(±3KHz)2.0	±4.5	±10	25	1500
CFMA450H	450±1.5	6	(±2KHz)2.0	±3.0	±9.0	25	2000

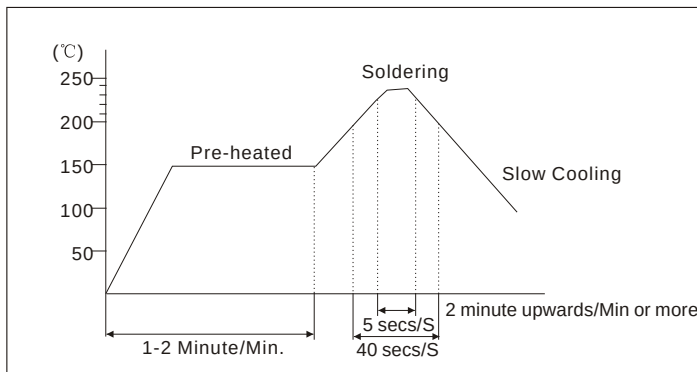
SPECIFICATION FOR 455KHz *

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)
CFMA455B	455±1.5	4	(±9KHz)2.0	±15	±30	27	1000
CFMA455C	455±1.5	4	(±8KHz)2.0	±12.5	±25	27	1000
CFMA455D	455±1.5	4	(±7KHz)2.0	±10	±20	27	1500
CFMA455E	455±1.5	6	(±5KHz)2.0	±7.5	±15	27	1500
CFMA455F	455±1.5	6	(±4KHz)2.0	±6.0	±12.5	27	1500
CFMA455G	455±1.5	6	(±3KHz)2.0	±4.5	±10	25	1500
CFMA455H	455±1.5	6	(±2KHz)2.0	±3.0	±9.0	25	2000

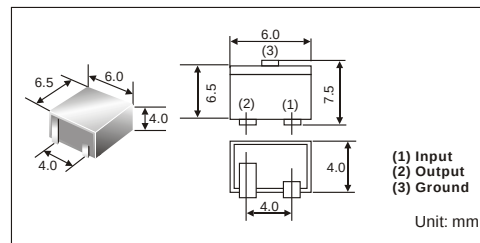
- For safety purposes, connect the output of filters to the IF amplifier through a DC blocking capacitor, avoid applying a direct current to the output of ceramic filters.

Specifications Subject to Change Without Notice

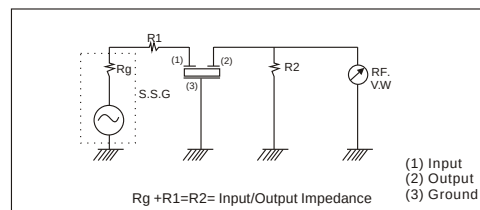
TEMPERATURE PROFILE REFLOW SOLDERING



DIMENSIONS



TEST CIRCUIT



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	A	450	D	T
Mark	Ceramic Filter	SMD Type	Type A 6.5X6.0X4.0mm	Centre Frequency	Grade	T: Tape/Reel

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