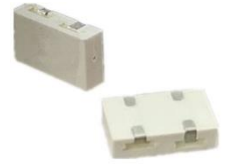


### MAIN FEATURE

- SMD Package, 4 Pads, 455KHz & 450KHz
- Compatible to Murata CFWK Series • Low Cost and short lead time

### APPLICATION

- Communication and more



L12.0\*W6.5\*H3.0mm

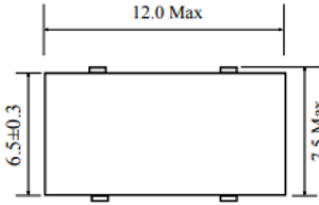
### STANDARD SPECIFICATION- 455KHz

Table 1

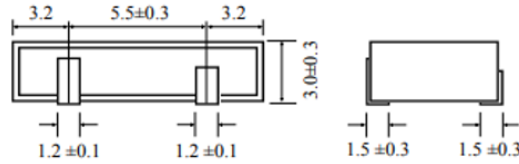
Short Part Number	Insertion Loss	6dB Band width	40dB Band width	GDT Deviation	Ripple	Spurious	Input/ Output	Temp. Stability	Insulation Resistance	Operating Temp. Range	Storage Temp.		
	dB Max.	KHz Max.	KHz Max.	µs Max.	dB Max.	dB	K ohm	%	M ohm Min.	°C	°C		
CFTC455AW	2.0	20.0	40.0	N/A	1.0	20	1000	±0.5	100 @DC 10V 1 minute +/-5 sec.	-20~+85	-40~+85		
CFTC455BW	2.0	15.0	30.0										
CFTC455CW	2.0	12.5	24.0										
CFTC455DW	2.0	10.0	20.0		2.0								
CFTC455EW	6.0	7.5	15.0		50		1.0					1500	
CFTC 455FW	2.0	6.0	12.5										
CFTC455GW	2.0	4.5	10.0										
CFTC455HW	2.0	3.0	9.0										
CFTC455IW	4.0	2.0	7.5										
CFTC455JW	6.0	1.5	7.5										
CFTC455KW	8.0	1.0	6.0				15					1.0	1000
CFTC455LW	2.0	24.0	48.0										
CFTC455KAW	2.0	20.0	48.0										
CFTC455KBW	2.0	15.0	40.0										
CFTC455KCW	2.0	12.5	30.0										
CFTC455KDW	2.0	10.0	24.0										
CFTC455KEW	2.0	7.5	20.0	25	1.0	1500							
CFTC455KFW	2.0	6.0	15.0										
CFTC455KGW	2.0	4.5	12.5										
CFTC455KHW	2.0	3.0	10.0										
CFTC455KIW	4.0	2.0	9.0										
CFTC455KJW	6.0	1.5	7.5										
CFTC455KKW	8.0	1.0	6.0	15	1.0	1000							
CFTC455KLW	2.0	24.0	60.0										
CFTC455KAW	2.0	20.0	48.0										
CFTC455KBW	2.0	15.0	40.0										
CFTC455KCW	2.0	12.5	30.0										
CFTC455KDW	2.0	10.0	24.0										
CFTC455KEW	2.0	7.5	20.0	15	1.0	1000							
CFTC455KFW	2.0	6.0	15.0										
CFTC455KGW	2.0	4.5	12.5										
CFTC455KHW	2.0	3.0	10.0										
CFTC455KIW	4.0	2.0	10.0										
CFTC455KJW	6.0	1.5	9.0										
CFTC455KKW	8.0	1.0	7.5	15	1.0	1000							
CFTC455KLW	2.0	24.0	60.0										

**DIMENSION (mm)**

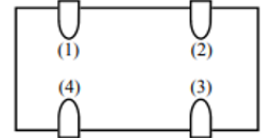
**Top View**



**Side View**



**Bottom View**



- ① Input
- ② Output
- ③ ④ Ground

**PART NUMBER GUIDE**

Example: TGS CFTC 455KDU TLF

**Part Number and Part Code Structure**

TGS	CF TC	455	K	D	W	T	LF	XX
1	2	3	4	5	6	7	8	9

- 1) TGS: Company Code
- 2) CFTC: KHz SMD Ceramic Filter
- 3) 455: Frequency range 455KHz; 450: 450.000KHz
- 4) K: K: GTD Deviation version; Blank: N/A
- 5) D: D: +/-10.0KHz Max. @6 dB; Please see Table 1 for A~L's different value
- 6) W: 4 Pads, L12.0\*W6.5\*H3.0mm
- 7) T: Package in Tape/Reel, 1000pcs/Reel
- 8) LF: RoHS compliant
- 9) XX: Blank: N/A; XX: Internal Control Code- 2 letter or digits