

**KHZ SMD CERAMIC FILTER**

**MAIN FEATURE**

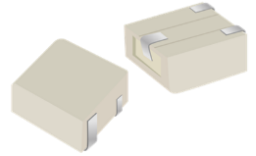
- SMD Package, 3 Pads • Compatible to Murata CFUK Series
- GDT option

**APPLICATION**

- Communication and more

**RFQ**

Request For Quotation



L6.5\*W6.0\*H4.2mm



**PART NUMBER GUIDE**

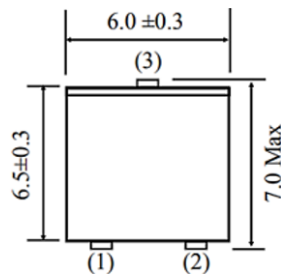
Example: CFTC 455KDUTLF

CFTC	455	K	D	U	T	LF	XX
1	2	3	4	5	6	7	8

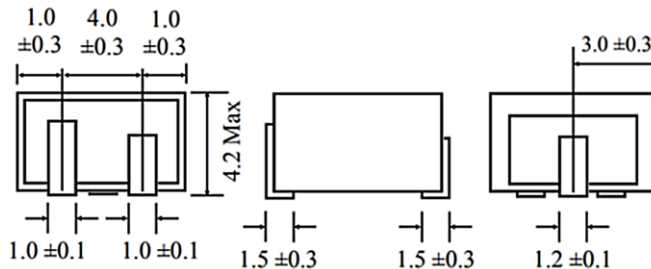
- 1) CFTC: KHz SMD Ceramic Filter
- 2) 455: Frequency range 455KHz; 450: 450.000KHz
- 3) K: GDT Deviation version; Blank: N/A
- 4) D: D: +/-10.0KHz Max. @6 dB; Please see Table 1 for A~L's different value
- 5) U: 3 pads, L6.5\*W6.0\*H4.2mm
- 6) T: Package in Tape/Reel, 1000pcs/Reel
- 7) LF: RoHS Compliant
- 8) XX: Intenal Control Code, 2 letter or digits; Blank: N/A

**DIMENSION (Unit: mm)**

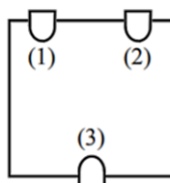
**Top View**



**Side View**



**Bottom View**



① Input ② Ground ③ Output

**KHZ SMD CERAMIC FILTER**

**STANDARD SPECIFICATION**

**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	
CFTC 455AU	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	
CFTC 455BU	2.0	15.0	30.0									
CFTC 455CU	2.0	12.5	24.0									
CFTC 455DU	2.0	10.0	20.0									
CFTC 455EU	6.0	7.5	15.0									
CFTC 455FU	2.0	6.0	12.5									
CFTC 455GU	2.0	4.5	10.0		50		2.0					1500
CFTC 455HU	2.0	3.0	9.0									
CFTC 455IU	4.0	2.0	7.5									
CFTC 455JUT	6.0	1.5	7.5									
CFTC 455KU	8.0	1.0	6.0									
CFTC 455LU	2.0	24.0	48.0									
CFTC 455KAU	2.0	20.0	48.0	1.0		1000	1500					
CFTC 455KBU	2.0	15.0	40.0									
CFTC 455KCU	2.0	12.5	30.0									
CFTC 455KDU	2.0	10.0	24.0									
CFTC 455KEU	2.0	7.5	20.0									
CFTC 455KFU	2.0	6.0	15.0									
CFTC 455KGU	2.0	4.5	12.5		15	1500		1000				
CFTC 455KHU	2.0	3.0	10.0									
CFTC 455KIU	4.0	2.0	9.0									
CFTC 455KJU	6.0	1.5	7.5									
CFTC 455KKU	8.0	1.0	6.0									
CFTC 455KLU	2.0	24.0	60.0									
CFTC 455KAU	2.0	20.0	48.0	25		1000	1500					
CFTC 455KBU	2.0	15.0	40.0									
CFTC 455KCU	2.0	12.5	30.0									
CFTC 455KDU	2.0	10.0	24.0									
CFTC 455KEU	2.0	7.5	20.0									
CFTC 455KFU	2.0	6.0	15.0									
CFTC 455KGU	2.0	4.5	12.5		15	1000		1500				
CFTC 455KHU	2.0	3.0	10.0									
CFTC 455KIU	4.0	2.0	10.0									
CFTC 455KJU	6.0	1.5	9.0									
CFTC 455KKU	8.0	1.0	7.5									
CFTC 455KLU	2.0	24.0	60.0									

NextGen Components, Inc. reserves the right to make changes to the product(s) and or information contained herein without notice. No liability is assumed as a result of their use or application. No rights under any patent accompany the sale of any such product(s) or information