

CERAMIC FILTERS

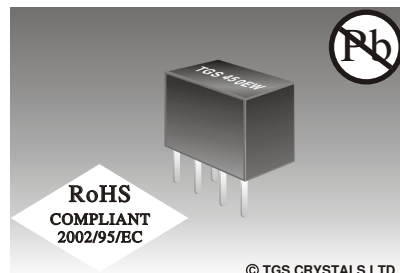
TGS SERIES NO. : CFS450/455W

FEATURES

- Low Cost
- Wide Range of Band Width
- Medium Size 7.0X11.0X7.5mm

APPLICATIONS

- Telecommunications



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SPECIFICATION FOR 450KHz *

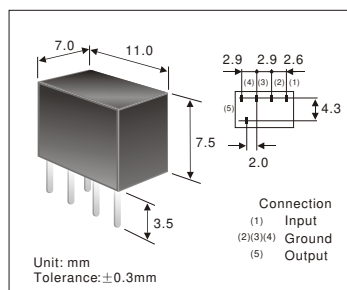
Characteristics Part Number	Centre Frequency (KHz)	Insertion Loss (dB Max.)	Passband Ripple (dB Max.)	6dB Bandwidth (KHz)Min	50dB Bandwidth (KHz)Max	Stop band Att ±100KHz (dB)Min	Input/output Impedance (Ω)
CFS450BW	fo±2.0	4	2	±15.0	±30.0	40	1500
CFS450CW	fo±2.0	4	2	±12.5	±24.0	40	1500
CFS450DW	fo±1.5	4	2	±10.0	±20.0	40	1500
CFS450EW	fo±1.5	6	2	±7.5	±15.0	40	1500
CFS450FW	fo±1.5	4	2	±6.0	±12.5	40	2000
CFS450GW	fo±1.5	6	2	±4.5	±10.0	40	2000
CFS450HW	fo±1.0	6	2	±3.0	±9.0	40	2000
CFS450IW	fo±1.0	6	2	±2.0	±7.5	40	2000
CFS450HTW	fo±1.0	6	2	±3.0	±9.0	60	2000
CFS450ITW	fo±1.0	6	2	±2.0	±7.5	60	2000

SPECIFICATION FOR 455KHz *

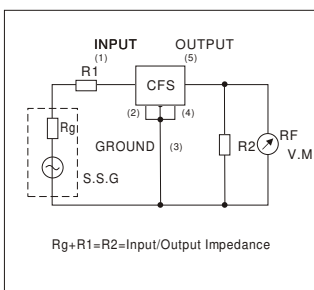
Characteristics Part Number	Centre Frequency (KHz)	Insertion Loss (dB Max.)	Passband Ripple (dB Max.)	6dB Bandwidth (KHz)Min	50dB Bandwidth (KHz)Max	Stop band Att ±100KHz (dB)Min	Input/output Impedance (Ω)
CFS455BW	fo±2.0	4	2	±15.0	±30.0	40	1500
CFS455CW	fo±2.0	4	2	±12.5	±24.0	40	1500
CFS455DW	fo±1.5	4	2	±10.0	±20.0	40	1500
CFS455EW	fo±1.5	6	2	±7.5	±15.0	40	1500
CFS455FW	fo±1.5	4	2	±6.0	±12.5	40	2000
CFS455GW	fo±1.5	6	2	±4.5	±10.0	40	2000
CFS455HW	fo±1.0	6	2	±3.0	±9.0	40	2000
CFS455IW	fo±1.0	6	2	±2.0	±7.5	40	2000
CFS455HTW	fo±1.0	6	2	±3.0	±9.0	60	2000
CFS455ITW	fo±1.0	6	2	±2.0	±7.5	60	2000

* Specifications Subject to Change Without Notice

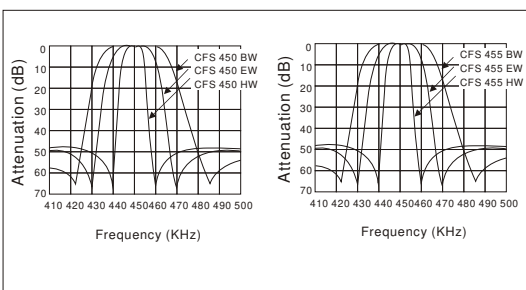
DIMENSIONS



TEST CIRCUIT



FREQUENCY CHARACTERISTICS



PACKAGE

- Standard package in bulk: 1000 pcs/ box, 10 box/carton

PART NUMBER GUIDE

TGS	CF	S	455	E	W
Mark	Ceramic Filter	S:Height-7.5mm	Centre Freq.	Grade	W: 5 Pin

e.g. Full P.N.: TGS CFS 455E W