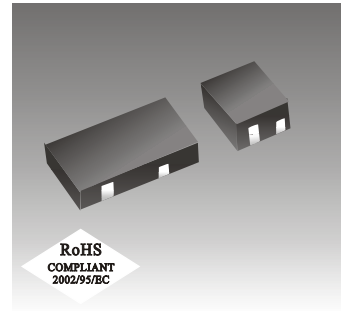


FEATURES

- Easily mountable by automat IC placers
- Enabling flexible design because of their miniaturized size

APPLICATIONS

- Communications



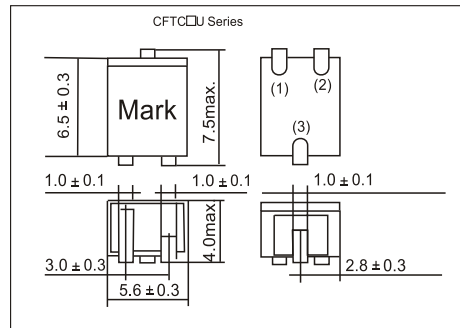
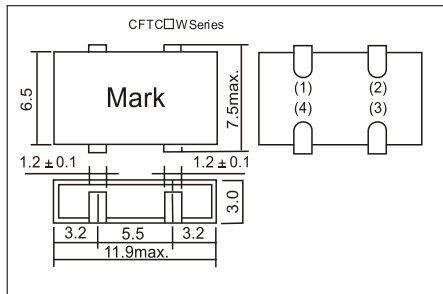
PRINCIPAL PARAMETERS

| Part No.  | Centre Frequency (KHz) | Insertion Loss (DB)max. | 6dB Band width (KHz)min. | 40dB Band width (KHz)max. | Ripple (DB)max. | Stop Band Att $\pm$ 100KHz (dB)min. | Input/Output Impedance(k $\Omega$ ) |
|-----------|------------------------|-------------------------|--------------------------|---------------------------|-----------------|-------------------------------------|-------------------------------------|
| CFTC455DU | 455 $\pm$ 1.5          | 6.0                     | $\pm$ 10.0               | $\pm$ 20.0                | 2.0             | 27                                  | 1.5                                 |
| CFTC455EU | 455 $\pm$ 1.5          | 6.0                     | $\pm$ 7.5                | $\pm$ 15.0                | 2.0             | 27                                  | 1.5                                 |
| CFTC455FU | 455 $\pm$ 1.5          | 6.0                     | $\pm$ 6.0                | $\pm$ 12.5                | 2.0             | 27                                  | 1.5                                 |
| CFTC455GU | 455 $\pm$ 1.5          | 6.0                     | $\pm$ 4.5                | $\pm$ 10.0                | 2.0             | 27                                  | 1.5                                 |
| CFTC455HU | 455 $\pm$ 1.5          | 6.0                     | $\pm$ 3.0                | $\pm$ 9.0                 | 2.0             | 27                                  | 2.0                                 |

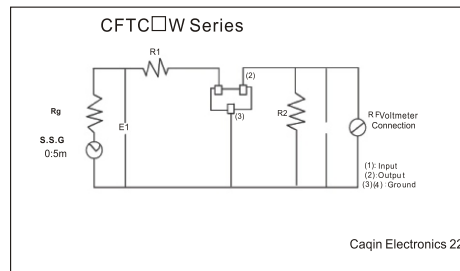
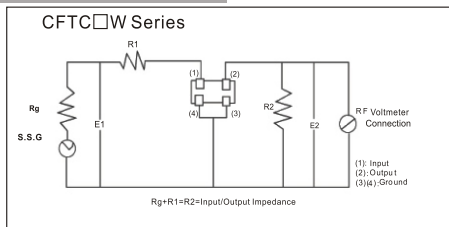
| Part No.  | Centre Frequency (KHz) | Insertion Loss (DB)max. | 6dB Band width (KHz)min. | 50dB Band width (KHz)max. | Ripple (DB)max. | Stop Band Att $\pm$ 100KHz (dB)min. | Input/Output Impedance(k $\Omega$ ) |
|-----------|------------------------|-------------------------|--------------------------|---------------------------|-----------------|-------------------------------------|-------------------------------------|
| CFTC455EW | 455 $\pm$ 1.5          | 4                       | $\pm$ 7.5                | $\pm$                     | 2.0             | 45                                  | 1.5                                 |
| CFTC455FW | 455 $\pm$ 1.5          | 6                       | $\pm$ 6.0                | $\pm$                     | 2.0             | 45                                  | 1.5                                 |
| CFTC455GW | 455 $\pm$ 1.5          | 6                       | $\pm$ 4.5                | $\pm$                     | 2.0             | 45                                  | 1.5                                 |
| CFTC455HW | 455 $\pm$ 1.5          | 6                       | $\pm$ 3.0                | $\pm$                     | 2.0             | 45                                  | 2.0                                 |

Note:Also available with center frequency (fo) of 450 KHz .

DIMENSION



MEASURING CIRCUIT



PACKAGE

- Standard package in tape: 1000 pcs/ reel

PART NUMBER GUIDE

|      |                    |              |       |             |         |           |
|------|--------------------|--------------|-------|-------------|---------|-----------|
| TGS  | CFTC               | 455          | E     | W           | T       | LF        |
| Mark | SMD Ceramic Filter | Centre Freq. | Grade | W Dmensions | Package | Lead Free |