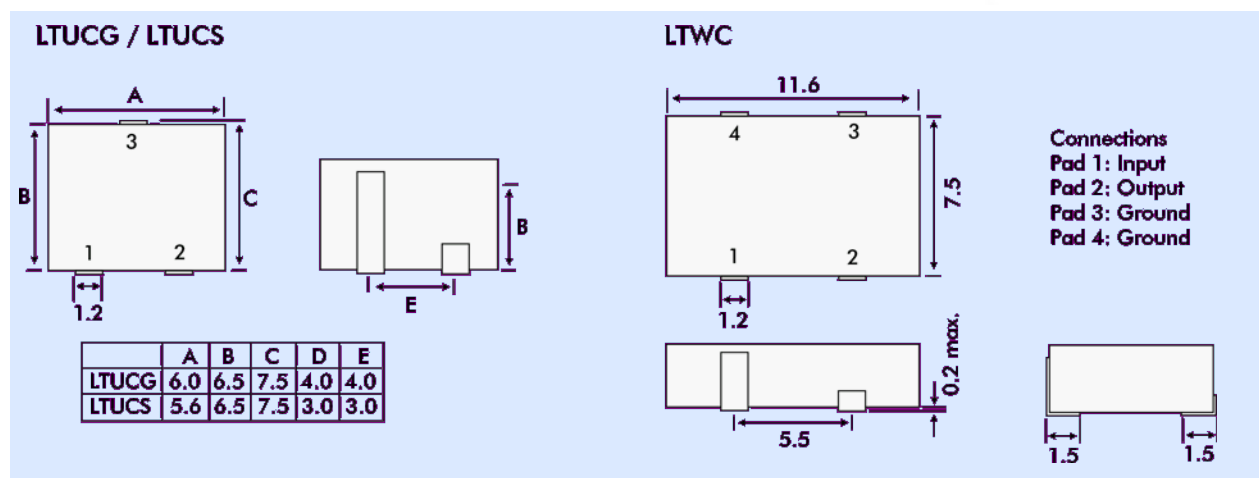


- SMD Type 4 Element (LTUCG)
- SMD Type 4 Element (LTUCS)
- SMD Type 6 Element (LTWC)



OUTLINES & DIMENSIONS



ELECTRICAL SPECIFICATION OF LTUCG and LTUCS

Part Number	Centre Frequency 6dB Bandwidth	Bandwidth 6dB	Bandwidth 40dB	Stop Band Att. ±1000kHz	Insertion Loss at min. loss point	Ripple	Input/Output Impedance
	kHz	kHz min.	kHz max.	dB max.	dB max.	dB max.	Ω
LTUCG455B LTUCS455B	$F_o \pm 1.5$	± 15.0	± 35.0	25.0	4.0	2.0 (± 9 kHz)	1000
LTUCG455C LTUCS455C	$F_o \pm 1.5$	± 12.5	± 28.0	25.0	4.0	2.0 (± 8 kHz)	1000
LTUCG455D LTUCS455D	$F_o \pm 1.5$	± 10.0	± 20.0	27.0 (LTUCG) 25.0 (LTUCS)	4.0 (LTUCG) 6.0 (LTUCS)	2.0 (± 7 kHz)	1500 (LTUCG) 1000 (LTUCS)
LTUCG455E LTUCS455E	$F_o \pm 1.5$	± 7.5	± 15.0	27.0	6.0	2.0 (± 5 kHz)	1500
LTUCG455F LTUCS455F	$F_o \pm 1.5$	± 6.0	± 12.5	27.0	6.0	2.0 (± 4 kHz)	1500
LTUCG455G LTUCS455G	$F_o \pm 1.5$	± 4.5	± 10.0	25.0	6.0	2.0 (± 3 kHz)	1500
LTUCG455H LTUCS455H	$F_o \pm 1.5$	± 3.0	± 9.0	25.0	6.0	2.0 (± 2 kHz)	1500

ELECTRICAL SPECIFICATION OF LTWC

Part Number	Centre Frequency 6dB Bandwidth	Bandwidth			Stop Band Att. ±1000kHz	Insertion Loss at min. loss point	Ripple	Input/Output Impedance
		3dB kHz min.	6dB kHz min.	50dB kHz max.				
	kHz				dB max.	dB max.	dB max.	Ω
LTWC455B	$F_o \pm 1.5$	± 10.0	± 15.0	± 35.0	45.0	6.0	3.0 (± 10 kHz)	1000
LTWC455C	$F_o \pm 1.5$	± 8.0	± 12.5	± 28.0	45.0	6.0	3.0 (± 8 kHz)	1000
LTWC455D	$F_o \pm 1.5$	± 7.0	± 10.0	± 20.0	50.0	4.0	3.0 (± 7 kHz)	1500
LTWC455E	$F_o \pm 1.5$	± 5.5	± 7.5	± 15.0	50.0	4.0	3.0 (± 5 kHz)	1500
LTWC455F	$F_o \pm 1.5$	± 4.0	± 6.0	± 12.0	47.0	6.0	3.0 (± 4 kHz)	1500
LTWC455G	$F_o \pm 1.5$	± 3.0	± 4.5	± 10.0	47.0	6.0	2.0 (± 3 kHz)	1500
LTWC455H	$F_o \pm 1.5$	± 2.0	± 3.0	± 9.5	47.0	6.0	2.0 (± 2 kHz)	1500

Other frequencies and specifications are available upon request

Centre frequency 450kHz is also available.