



CTS Electronic Components

Ceramic Filter Products

Short Form Catalog

August 20, 2007



Ceramic Duplexers

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Desc.	Picture	TX Passband (MHz)	TX Response (dB)	TX Attenuation (MHz)	RX Passband (MHz)	Rx Response (dB)	RX Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0017A	InMarSat Ceramic Monoblock Duplexer		1626.5-1660.5	IL: 1.8 RL: 9.5	59 dB @ 1559	1525-1559	L: 1.8 RL: 9.5	64 dB @ 1626.5	-40°C to +85°C	L = 40.41 W = 8.29 H = 5.72
CER0023A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.7 RL: 10.0	45 dB @ 1930 38 dB @ 2039.8	1930-1990	IL: 4.0 RL: 10.0	50 dB @ 1910 10 dB @ 2039.8 30 dB @ 2149.6	-20°C to +70°C	L = 22.91 W = 6.53 H = 4.6
CER0031A	KPCS Ceramic Monoblock Duplexer		1750-1780	IL: 3.0 RL: 9.0 Ripple: 1.9	39 dB @ 1840	1840-1870	IL: 3.2 RL: 9.0 Ripple: 2.6	57 dB @ 1780	-40°C to +85°C	L = 12.52 W = 7.17 H = 2.21
CER0034A	PCS Ceramic Monoblock Duplexer		1850-1909.4	IL: 3.5 RL: 9.0 Ripple: 3.0 Isolation: 54	44 dB @ 1930.6 10 dB @ 3700	1930.6-1990	IL: 4.0 RL: 9.0 Ripple: 3.3 Isolation: 45	53 dB @ 1909.4 9 dB @ 2050	-40°C to +85°C	L = 19.92 W = 6.45 H = 4.6
CER0046A	800 MHz Ceramic Monoblock Duplexer		824-849	IL: 3.0 RL: 10.0	38 dB @ 869	869-894	IL: 4.2 RL: 8.0	45 dB @ 824	0°C to +25°C	L = 21.59 W = 8.95 H = 4.25
CER0069A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.1 RL: 10.0 Ripple: 2.6 Isolation: 50	41.5 dB @ 1930	1930-1990	IL: 3.6 RL: 10.0 Ripple: 2.6 Isolation: 44.5	48 dB @ 1910	-40°C to +85°C	L = 23.93 W = 6.55 H = 4.6
CER0080A	InMarSat Ceramic Monoblock Duplexer		1626.5-1660.5	IL: 1.0 RL: 10.0 Ripple: 0.5	66 dB @ 1559	1525-1559	IL: 1.0 RL: 10.0 Ripple: 0.5	65 dB @ 1626.5	-30°C to +85°C	L = 60.8 W = 9.25 H = 10.59
CER0080B	InMarSat Ceramic Monoblock Duplexer		1626.5-1660.5	IL: 1.0 RL: 10.0 Ripple: 0.6	66 dB @ 1559	1525-1559	IL: 1.0 RL: 10.0 Ripple: 0.6	65 dB @ 1626.5	-30°C to +85°C	L = 60.8 W = 9.25 H = 10.59



Ceramic Duplexers

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Desc.	Picture	TX Passband (MHz)	TX Response (dB)	TX Attenuation (MHz)	RX Passband (MHz)	Rx Response (dB)	RX Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0111A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.2 RL: 10.0 Ripple: 2.6 Isolation: 50	40 dB @ 1930	1930-1990	IL: 3.6 RL: 10.0 Ripple: 2.6 Isolation: 42.5	48 dB @ 1910	-40°C to +85°C	L = 19.92 W = 6.45 H = 4.6
CER0121A	W-CDMA Ceramic Monoblock Duplexer		2110-2170	IL: 1.5 RL: 12.0 Ripple: 0.8 Isolation: 55	55 dB @ 1980	1920-1980	IL: 1.5 RL: 12.0 Ripple: 0.8 Isolation: 55	55 dB @ 2110	-40°C to +85°C	L = 24.04 W = 6.75 H = 4.6
CER0123A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.2 RL: 10.0 Ripple: 2.6 Isolation: 50	40 dB @ 1930	1930-1990	IL: 3.6 RL: 10.0 Ripple: 2.6 Isolation: 42.5	48 dB @ 1910	-40°C to +85°C	L = 19.92 W = 6.45 H = 4.6
CER0126A	DCS Ceramic Monoblock Duplexer		1805-1880	IL: 4.2 RL: 10.0 Ripple: 3.1 Isolation: 40	30 dB @ 940	1710-1785	IL: 4.2 RL: 10.0 Ripple: 3.1 Isolation: 40	50 dB @ 1445	-40°C to +85°C	L = 24.04 W = 7.14 H = 4.6
CER0127A	EGSM Ceramic Monoblock Duplexer		925-960	IL: 4.2 RL: 10.0 Ripple: 3.1		880-915	IL: 4.0 RL: 10.0 Ripple: 3.1	45 dB @ 575 30 dB @ 745	-40°C to +85°C	L = 21.54 W = 9.0 H = 4.0
CER0130A	W-CDMA Ceramic Monoblock Duplexer		1920-1980	IL: 1.6 RL: 14.0 Ripple: 0.6 Isolation: 52	40 dB @ 2110 35 dB @ 3840 10 dB @ 5760	2110-2170	IL: 1.8 RL: 14.0 Ripple: 0.8 Isolation: 45	50 dB @ 1980 20 dB @ 4220 10 dB @ 5950	-40°C to +85°C	L = 7.13 W = 5.4 H = 1.7
CER0207A	AMPS Ceramic Monoblock Duplexer		824-849	IL: 2.0 RL: 12 Ripple: 1.5 Isolation: 58	44 dB @ 869 18 dB @ 1648	869-894	IL: 3.0 RL: 11.0 Ripple: 1.8 Isolation: 45	55 dB @ 849 18 dB @ 1648	-40°C to +85°C	L = 33.8 W = 13.7 H = 6.5
CER0215A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.5 RL: 10.0 Ripple: 1.8	30 dB @ 1930	1930-1990	IL: 3.6 RL: 10.0 Ripple: 1.3	30 dB @ 1910	-40°C To +85°C	L = 28.48 W = 6.85 H = 4.90



Ceramic Duplexers

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Desc.	Picture	TX Passband (MHz)	TX Response (dB)	TX Attenuation (MHz)	RX Passband (MHz)	Rx Response (dB)	RX Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0254B	GSM Ceramic MonoBlock Duplexer		806-824	IL: 3.0 RL: 10.0	50 dB @ 851	851-869	IL: 3.0 RL: 10.0	45 dB @ 824 50 dB @ 851	-40°C To +85°C	L = 21.54 W = 9.8 H = 4.0
CER0255B	GSM Ceramic MonoBlock Duplexer		896-902	IL: 3.0 RL: 10.0	45 dB @ 935 25 dB @ 869	935-941	IL: 3.0 RL: 10.0	50 dB @ 902	-30°C To +85°C	L = 21.54 W = 9.8 H = 4.0
CER0256B	GSM Ceramic MonoBlock Duplexer		806-824	IL: 3.0 RL: 10.0	50 dB @ 851	1930-1990	IL: 3.0 RL: 10.0	50 dB @ 824 30 dB @ 896	-40°C To +85°C	L = 21.54 W = 9.8 H = 4.0
CER0276A	EGSM Ceramic Monoblock Duplexer		880-915	IL: 2.7 RL: 10.0 Ripple: 2.0	35 dB @ 925	925-960	IL: 2.7 RL: 11.0 Ripple: 1.6	38 dB @ 915	-40°C To +85°C	L = 33.80 W = 13.70 H = 6.50
CER0276C	EGSM Ceramic Monoblock Duplexer		880-915	IL: 3.3 RL: 10.0 Ripple: 2.4	37 dB @ 925	925-960	IL: 3.1 RL: 11.0 Ripple: 2.1	42 dB @ 915	-40°C To +85°C	L = 33.80 W = 13.70 H = 6.50
CER0286A	DCS Ceramic Monoblock Duplexer		1710-1785	IL: -3.40 RL: -10.0 Ripple: 2.3	-40 dB @ 1805	1805-1880	IL: -3.0 RL: -10.0 Ripple: 2.30	-40 dB @ 1785	-40°C To +85°C	L = 24.04 W = 7.00 H = 4.60
KFF6075B	800 MHz Ceramic Monoblock Duplexer		824-849	IL: 2.5 RL: 9.0	60 dB @ 869	869-894	IL: 2.5 RL: 7.5	65 dB @ 849	0°C to +25°C	L = 63.68 W = 15.85 H = 16.51
KFF6169A	800 MHz Ceramic Monoblock Duplexer		804-824	IL: 2.5 RL: 9.0	50 dB @ 850	850-870	IL: 2.5 RL: 6.0	50 dB @ 824	0°C to +25°C	L = 63.68 W = 15.85 H = 16.64



Ceramic Duplexers

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Desc.	Picture	TX Passband (MHz)	TX Response (dB)	TX Attenuation (MHz)	RX Passband (MHz)	Rx Response (dB)	RX Attenuation (MHz)	Temp. Range	Package Size (mm)
KFF6567A	800 MHz Ceramic Monoblock Duplexer		824-849	IL: 2.2 RL: 10.0	10 dB @ 804 45 dB @ 869	869-894	IL: 3.3 RL: 8.0	52 dB @ 849 20 dB @ 914 45 dB @ 959	0°C to +25°C	L = 30.54 W = 9.3 H = 5.2
KFF6636A	800 MHz Ceramic Monoblock Duplexer		824-849	IL: 2.6 RL: 12.0 Ripple: 1.6 Isolation: 59	42 dB @ 869	869-894	IL: 3.5 RL: 12 Ripple: 2.1 Isolation: 43	57 dB @ 849	-40°C to +85°C	L = 21.54 W = 9.7 H = 4.0
KFF6637C	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.85 RL: 9.0	35 dB @ 1930	1930-1990	IL: 4.55 RL: 9.0	53 dB @ 1910	-40°C to +85°C	L = 28.27 W = 6.65 H = 4.00
KFF6666A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.5 RL: 10.0 Ripple: 2.5	38 dB @ 1930 20 dB @ 2100 20 dB @ 2350 10 dB @ 3700	1930-1990	IL: 3.8 RL: 10.0 Ripple: 3.0	40 dB @ 1780 38 dB @ 1825 45 dB @ 1910 10 dB @ 2020	-40°C to +85°C	L = 28.48 W = 6.85 H = 4.90
KFF6669A	W-CDMA Ceramic Monoblock Duplexer		1920-1980	IL: 1.6 RL: 10.0 Ripple: 0.6 Isolation: 50	45 dB @ 2110 40 dB @ 2300 25 dB @ 3840 20 dB @ 5760	2110-2170	IL: 2.2 RL: 10.0 Ripple: 0.7 Isolation: 47	50 dB @ 1980 25 dB @ 2300 42 dB @ 2490 20 dB @ 3840	-40°C to +85°C	L = 9.93 W = 5.45 H = 1.9
KFF6675A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.6 RL: 10.0 Ripple: 2.7	35 dB @ 1930 15 dB @ 3700 3 dB @ 5550	1930-1990	IL: 3.9 RL: 10.0 Ripple: 2.7	46 dB @ 1910 22 dB @ 2100	0°C to +65°C	L = 28.28 W = 6.54 H = 3.68
KFF6680A	PCS Ceramic Monoblock Duplexer		1850-1910	IL: 3.5 RL: 10.0 Ripple: 3.0 Isolation: 54	45 dB @ 1930 10dB @ 3700	1930-1990	IL: 4.0 RL: 10.0 Ripple: 3.3 Isolation: 46	53 dB @ 1910 9 dB @ 2050	-40°C to +85°C	L = 23.18 W = 6.52 H = 4.6
KFF6686A	800 MHz Ceramic Monoblock Duplexer		824-849	IL: 3.0 RL: 10.0 Ripple: 1.7 Isolation: 56	40 dB @ 869	869-894	IL: 3.9 RL: 10.0 Ripple: 2.5 Isolation: 41	55 dB @ 849	-40°C to +85°C	L = 15.85 W = 10.0 H = 3.4



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0001A	800 MHz Tx Monoblock Ceramic BPF		824-849	IL: 3.8 RL: 8.5	11 dB @ 804 22 dB @ 869	0°C to +25°C	L = 11.748 W = 10.693 H = 4.463
CER0002A	800 MHz Rx Monoblock Ceramic BPF		869-894	IL: 3.5 RL: 8.0	15 dB @ 849 9.0 dB @ 914	0°C to +25°C	L = 11.748 W = 9.017 H = 4.496
CER0003A	PCS Ceramic Monoblock BPF		1850-1910	IL: 1.9 RL: 10.0	33 dB @ 1574 26 dB @ 1740 14 dB @ 2018 21 dB @ 2352	0°C to +25°C	L = 7.90 W = 6.604 H = 2.718
CER0004A	GPS L2 Monoblock Ceramic BPF		1217.6-1237.6	IL: 1.5 RL: 10.0	35 dB @ 1087.6 7 dB @ 1192.6 7 dB @ 1262.6 30 dB @ 1367.6	0°C to +25°C	L = 11.75 W = 9.92 H = 4.5
CER0005A	GPS L1 Monoblock Ceramic BPF		1564.4-1584.4	IL: 1.5 RL: 10.0	35 dB @ 1435.4 7 dB @ 1540.4 7 dB @ 1610.4 30 dB @ 1715.4	0°C to +25°C	L = 11.75 W = 7.55 H = 4.5
CER0021A	PCS Tx Monoblock Ceramic BPF		1930-1990	IL: 1.9 RL: 10.5	15.5 dB @ 1742 26.5 dB @ 2274	0°C to +25°C	L = 7.899 W = 6.472 H = 2.718
CER0032A	GPS L1 Monoblock Ceramic BPF		1573.42- 1577.42	IL: 1.8 RL: 11.0	50 dB @ 849 20 dB @ 1710 45 dB @ 1850 20 dB @ 2400	0°C to +25°C	L = 4.0 W = 4.1 H = 2.0



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0059A	PCS Ceramic Monoblock BPF		1930-1990	IL: 3.8 RL: 10.0	37 dB @ 1910 10 dB @ 3700	0°C to +50°C	L = 7.05 W = 5.65 H = 3.93
CER0074A	DAB Ceramic Monoblock BPF		1452-1492	IL: 1.0 RL: 10.0	40 dB @ 1242	-40°C to +85°C	L = 5.58 W = 4.99 H = 3.2
CER0074B	DAB 1472 MHz MonoBlock Ceramic BPF		1452-1492	IL: -1.0 RL: -10.0 Ripple: -0.4	-30 dB @ 960 -22 dB @ 1800	-40°C To +85°C	L = 5.58 W = 4.99 H = 3.2
CER0081A	TCAS Ceramic Monoblock BPF		1027-1033	IL: 1.7 RL: 12.0	15 dB @ 1005 18.0 dB @ 1055 40.0 dB @ 1090	0°C To 25°C	L = 33.58 W = 11.25 H = 7.85
CER0104A	800 MHz Rx Monoblock Ceramic BPF		824-849	IL: 2.6 RL: 10.0	35 dB @ 686.5 12 dB @ 804 20 dB @ 869	0°C to +70°C	L = 6.95 W = 8.9 H = 3.83
CER0105A	800 MHz Tx Monoblock Ceramic BPF		869-894	IL: 2.7 RL: 10.0	32 dB @ 849	0°C to +70°C	L = 6.95 W = 8.51 H = 3.83
CER0109A	W-CDMA Rx Monoblock Ceramic BPF		1920-1980	IL: 2.5 RL: 10.0	30 dB @ 1830 24 dB @ 1840 27 dB @ 2060	-40°C to +85°C	L = 6.95 W = 5.41 H = 3.83



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0109B	W-CDMA 1950 MHz Monoblock Ceramic BPF		1920-1980	IL: 1.8 RL: 10.0 Ripple: 0.8	30 dB @ 1830 24 dB @ 1840 24 dB @ 2060	-10°C To +85°C	L = 7.05 W = 5.61 H = 3.93
CER0110A	W-CDMA Tx Monoblock Ceramic BPF		2110-2170	IL: 3.0 RL: 10.0	30 dB @ 1800 22 dB @ 1980 25 dB @ 2300	-40°C to +85°C	L = 6.95 W = 4.83 H = 3.83
CER0110B	W-CDMA 2140 MHz Monoblock Ceramic BPF		2110-2170	IL: 1.9 RL: 10.0 Ripple: 1.0	30 dB @ 1800 22 dB @ 1980 25 dB @ 2300	-40°C To +85°C	L = 7.05 W = 5.03 H = 3.93
CER0117A	800 MHz Ceramic Monoblock BPF		869-894	IL: 1.6 RL: 10.0	35 dB @ 754 14 dB @ 849	0°C to +70°C	L = 14.74 W = 12.32 H = 6.0
CER0136A	CDMA Ceramic Monoblock BPF		462-468	IL: 1.8 RL: 10.0 Ripple: 0.75	40.0 dB @ 375 40.0 dB @ 555	-40°C To +85°C	L = 14.74 W = 16.6 H = 6.0
CER0137A	PCS Ceramic Monoblock BPF		1930-1990	IL: 1.8 RL: 10.0 Ripple: 0.5	30.0 dB @ 1840 30.0 dB @ 2080	0°C To 70°C	L = 14.74 W = 5.28 H = 6.0
CER0168A	OTHER 1068 MHz MonoBlock Ceramic BPF		1050.5-1085.5	IL: -1.1 RL: -10.0 Ripple: -0.4	-15 dB @ 915 -10 dB @ 1220	-40°C To +85°C	L = 7.05 W = 10.3 H = 3.93



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0168B	OTHER 1068 MHz MonoBlock Ceramic BPF		1050.5-1085.5	IL: -1.1 RL: -10.0 Ripple: -0.4	-15 dB @ 915 -10 dB @ 1220	-40°C To +85°C	L = 7.05 W = 10.3 H = 3.93
CER0171A	W-CDMA Ceramic Monoblock BPF		2100-2180	IL: 2.4 RL: 10.0 Ripple: 1.5	30 dB @ 2010 30 dB @ 2210	-10°C to +80°C	L = 16.42 W = 6.03 H = 4.85
CER0183A	BBW 3285 MHz MonoBlock Ceramic BPF		3260 - 3310	IL: -1.5 RL: -14.0 Ripple: 0.5	-40 dB @ 3060 -10 dB @ 3185 -10 dB @ 3385 -40 dB @ 3560	-40°C To +85°C	L = 11.75 W = 6.9 H = 4.6
CER0184A	BBW 3335 MHz MonoBlock Ceramic BPF		3310 - 3360	IL: -1.5 RL: -14.0 Ripple: 0.5	-40 dB @ 3610 -40 dB @ 3210 -10 dB @ 3235 -10 dB @ 3435	-40°C To +85°C	L = 11.75 W = 6.9 H = 4.6
CER0185A	BBW 3450 MHz MonoBlock Ceramic BPF		3400 - 3500	IL: -1.6 RL: -12.0 Ripple: 0.5	-20 dB @ 3250 -20 dB @ 3650	-40°C To +85°C	L = 11.75 W = 6.9 H = 4.6
CER0186A	BBW 3525 MHz MonoBlock Ceramic BPF		3500 - 3550	IL: -1.5 RL: -14.0 Ripple: 0.5	-40 dB @ 3800 -40 dB @ 3300 -10 dB @ 3425 -10 dB @ 3625	-40°C To +85°C	L = 11.75 W = 6.9 H = 4.6
CER0187A	BBW 3575 MHz MonoBlock Ceramic BPF		3550 - 3600	IL: -1.5 RL: -14.0 Ripple: 0.5	-40 dB @ 3350 -10 dB @ 3475 -10 dB @ 3675 -40 dB @ 3850	-40°C To +85°C	L = 11.75 W = 6.9 H = 4.6



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0188A	BBW 3425 MHz MonoBlock Ceramic BPF		3400 - 3450	IL: -1.5 RL: -14.0 Ripple: 0.5	-40 dB @ 3200 -10 dB @ 3325 -10 dB @ 3525 -40 dB @ 3700	-40°C To +85°C	L = 11.75 W = 6.9 H = 4.6
CER0189A	BBW 3425 MHz MonoBlock Ceramic BPF		3450-3500	IL: -1.5 RL: -14.0 Ripple: -0.5	-40 dB @ 3250 -10 dB @ 3375 -10 dB @ 3575 -40 dB @ 3750	-40°C To +85°C	L = 11.75 W = 6.9 H = 4.6
CER0202A	W-CDMA Tx Monoblock Ceramic BPF		2110-2170	IL: 2.5 RL: 10.0 Ripple: 1.0	15 dB @ 2090 15 dB @ 2190 35 dB @ 1980	-40°C to +85°C	L = 16.42 W = 6.1 H = 4.85
CER0202B	W-CDMA 2140 MHz Monoblock Ceramic BPF		2110 - 2170	IL: 2.6 RL: 10.0 Ripple: 1.2	35 dB @ 1980 22 dB @ 2090 22 dB @ 2190	-40°C To +85°C	L = 16.42 W = 6.30 H = 4.85
CER0205A	W-CDMA Tx Monoblock Ceramic BPF		1920-1980	IL: 2.5 RL: 10.0 Ripple: 1.0	15 dB @ 1900 15 dB @ 2000 35 dB @ 2110	-40°C to +85°C	L = 16.42 W = 6.1 H = 4.85
CER0205B	W-CDMA 1950 MHz Monoblock Ceramic BPF		1920 - 1980	IL: 2.6 RL: 10.0 Ripple: 1.2	22 dB @ 1900 22 dB @ 2000 35 dB @ 2110	-40°C To +85°C	L = 16.42 W = 6.80 H = 4.85
CER0206A	PCS Tx Monoblock Ceramic BPF		1850-1910	IL: 1.9 RL: 10.0 Ripple: 0.8	15 dB @ 1780 15 dB @ 1980	-40°C to +85°C	L = 7.05 W = 5.9 H = 4.0



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0206B	1880 MHz Ceramic Monoblock BPF		1850-1910	IL: -3.5 Ripple: 2.6 RL: -10.0	-30 dB @ 1930	-40°C To +85°C	L = 7.05 W = 5.9 H = 4.0
CER0220A	PCS Tx Monoblock Ceramic BPF		1850-1910	IL: 3.3 RL: 8.0 Ripple: 2.0	13 dB @ 1920 17 dB @ 1930	0°C to +45°C	L = 13.67 W = 5.64 H = 6.12
CER0221A	PCS Rx Monoblock Ceramic BPF		1930-1990	IL: 2.8 RL: 8.0 Ripple: 2.0	13.5 dB @ 1920 13.5 dB @ 1910	0°C to +45°C	L = 13.67 W = 5.64 H = 6.12
CER0228A	BBW 800 MH MonoBlock Ceramic BPF		806 - 902	IL: -1.2 RL: -12.0 Ripple: 0.5	-24 dB @ 756 -24 dB @ 952 -45 dB @ 1400	-40°C To +85°C	L = 33.8 W = 9.7 H = 6.5
CER0230A	AMPS 836.5 MHz Monoblock Ceramic BPF		824 - 849	IL: 2.5 RL: 10.0 Ripple: 0.5	50 dB @ 869 30 dB @ 804	-40°C To +85°C	L = 33.8 W = 13.3 H = 6.5
CER0230B	AMPS 836.5 MHz Monoblock Ceramic BPF		824 - 849	IL: 2.8 RL: 10.0 Ripple: 0.8	50 dB @ 869 25 dB @ 859 30 dB @ 804	-40°C To +85°C	L = 33.8 W = 13.3 H = 6.5
CER0230C	AMPS 836.5 MHz Monoblock Ceramic BPF		824 - 849	IL: 3.4 RL: 10.0 Ripple: 1.1	50 dB @ 869 35 dB @ 859 30 dB @ 804	-40°C To +85°C	L = 33.8 W = 13.33 H = 6.5



Ceramic Filters

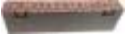
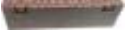
The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0231A	AMPS 881.5 MHz Monoblock Ceramic BPF		869 - 894	IL: 2.5 RL: 10.0 Ripple: 0.5	50 dB @ 849 30 dB @ 914	-40°C To +85°C	L = 33.80 W = 12.90 H = 6.50
CER0231B	AMPS 881.5 MHz Monoblock Ceramic BPF		869 - 894	IL: 2.8 RL: 10.0 Ripple: 0.8	50 dB @ 849 25 dB @ 859 30 dB @ 914	-40°C To +85°C	L = 33.80 W = 12.90 H = 6.50
CER0231C	AMPS 881.5 MHz Monoblock Ceramic BPF		869 - 894	IL: 3.4 RL: 10.0 Ripple: 1.1	50 dB @ 849 35 dB @ 859 30 dB @ 914	-40°C To +85°C	L = 33.80 W = 12.90 H = 6.50
CER0232A	GSM 902.5 MHz Monoblock Ceramic BPF		890 - 915	IL: 2.5 RL: 10.0 Ripple: 0.5	50 dB @ 935 30 dB @ 870	-40°C To +85°C	L = 33.80 W = 12.60 H = 6.50
CER0232B	GSM 902.5 MHz Monoblock Ceramic BPF		890 - 915	IL: 2.8 RL: 10.0 Ripple: 0.8	50 dB @ 935 25 dB @ 925 30 dB @ 870	-40°C To +85°C	L = 33.80 W = 12.60 H = 6.50
CER0232C	GSM 902.5 MHz Monoblock Ceramic BPF		890 - 915	IL: 3.4 RL: 10.0 Ripple: 1.3	50 dB @ 935 35 dB @ 925 30 dB @ 870	-40°C To +85°C	L = 33.80 W = 12.60 H = 6.50
CER0233A	GSM 947.5 MHz Monoblock Ceramic BPF		935 - 960	IL: 2.5 RL: 10.0 Ripple: 0.5	50 dB @ 915 30 dB @ 980	-40°C To +85°C	L = 33.80 W = 12.20 H = 6.50



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0233B	GSM 947.5 MHz Monoblock Ceramic BPF		935 - 960	IL: 2.8 RL: 10.0 Ripple: 0.8	50 dB @ 915 25 dB @ 925 30 dB @ 980	-40°C To +85°C	L = 33.80 W = 12.20 H = 6.50
CER0233C	GSM 947.5 MHz Monoblock Ceramic BPF		935 - 960	IL: 3.4 RL: 10.0 Ripple: 1.3	50 dB @ 915 35 dB @ 925 30 dB @ 980	-40°C To +85°C	L = 33.80 W = 12.20 H = 6.50
CER0234A	EGSM 907.5 MHz Monoblock Ceramic BPF		880 - 915	IL: 2.8 RL: 10.0 Ripple: 1.0	20 dB @ 925 10 dB @ 870	-40°C To +85°C	L = 33.80 W = 12.60 H = 6.50
CER0234B	EGSM 907.5 MHz Monoblock Ceramic BPF		880 - 915	IL: 3.2 RL: 10.0 Ripple: 1.3	35 dB @ 925 10 dB @ 870	-40°C To +85°C	L = 33.80 W = 12.60 H = 6.50
CER0235A	EGSM 942.5 MHz Monoblock Ceramic BPF		925 - 960	IL: 2.8 RL: 10.0 Ripple: 1.0	20 dB @ 915 10 dB @ 970	-40°C To +85°C	L = 33.80 W = 12.20 H = 6.50
CER0235B	EGSM 942.5 MHz Monoblock Ceramic BPF		925 - 960	IL: 3.2 RL: 10.0 Ripple: 1.3	35 dB @ 915 10 dB @ 970	-40°C To +85°C	L = 33.80 W = 12.20 H = 6.50
CER0236A	AMPS 836.5 MHz Monoblock Ceramic BPF		824 - 849	IL: 3.5 RL: 10.0 Ripple: 0.7	40 dB @ 869 10 dB @ 804	-40°C To +85°C	L = 21.54 W = 8.90 H = 4.00



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0236B	AMPS 836.5 MHz Monoblock Ceramic BPF		824 - 849	IL: 3.5 RL: 10.0 Ripple: 1.0	50 dB @ 869 10 dB @ 804	-40°C To +85°C	L = 21.54 W = 8.90 H = 4.00
CER0237A	AMPS 881.5 MHz Monoblock Ceramic BPF		869 - 894	IL: 3.5 RL: 10.0 Ripple: 0.7	40 dB @ 849 10 dB @ 914	-40°C To +85°C	L = 21.54 W = 8.60 H = 4.00
CER0237B	AMPS 881.5 MHz Monoblock Ceramic BPF		869 - 894	IL: 3.5 RL: 10.0 Ripple: 1.0	50 dB @ 849 10 dB @ 914	-40°C To +85°C	L = 21.54 W = 8.60 H = 4.00
CER0237C	Amps 881.5 MHz MonoBlock Ceramic BPF		869-894	IL: -5.0 RL: -12.0 Ripple: -0.5	-21 dB @ 850 -21 dB @ 925	-40°C To +85°C	L = 21.54 W = 8.6 H = 4.0
CER0238A	GSM 902.5 MHz Monoblock Ceramic BPF		890 - 915	IL: 3.5 RL: 10.0 Ripple: 0.7	40 dB @ 935 10 dB @ 870	-40°C To +85°C	L = 21.54 W = 8.50 H = 4.00
CER0238B	GSM 902.5 MHz Monoblock Ceramic BPF		890 - 915	IL: 3.5 RL: 10.0 Ripple: 1.0	50 dB @ 935 10 dB @ 870	-40°C To +85°C	L = 21.54 W = 8.50 H = 4.00
CER0239A	GSM 947.5 MHz Monoblock Ceramic BPF		935 - 960	IL: 3.5 RL: 10.0 Ripple: 0.7	40 dB @ 915 10 dB @ 980	-40°C To +85°C	L = 21.54 W = 8.30 H = 4.00



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0239B	GSM 947.5 MHz Monoblock Ceramic BPF		935 - 960	IL: 3.5 RL: 10.0 Ripple: 1.0	50 dB @ 915 10 dB @ 980	-40°C To +85°C	L = 21.54 W = 8.30 H = 4.00
CER0241C	EGSM 942.5 MHz MonoBlock Ceramic BPF		925-960	IL: -5.0 RL: -12.0 Ripple: -0.5	-20 dB @ 890 -18 dB @ 990 -10 dB @ 1900	-40°C To +85°C	L = 21.54 W = 8.3 H = 4.0
CER0242A	DCS 1747.5 MHz Monoblock Ceramic BPF		1710 - 1785	IL: 2.3 RL: 10.0 Ripple: 1.0	15 dB @ 1805 15 dB @ 1690	-40°C To +85°C	L = 16.42 W = 7.40 H = 4.85
CER0242B	DCS 1747.5 MHz Monoblock Ceramic BPF		1710 - 1785	IL: 2.4 RL: 10.0 Ripple: 1.2	24 dB @ 1805 20 dB @ 1690	-40°C To +85°C	L = 16.42 W = 7.40 H = 4.85
CER0243A	DCS 1842.5 MHz Monoblock Ceramic BPF		1805 - 1880	IL: 2.3 RL: 10.0 Ripple: 1.0	15 dB @ 1785 15 dB @ 1900	-40°C To +85°C	L = 16.42 W = 7.20 H = 4.85
CER0243B	DCS 1842.5 MHz Monoblock Ceramic BPF		1805 - 1880	IL: 2.4 RL: 10.0 Ripple: 1.2	24 dB @ 1785 20 dB @ 1900	-40°C To +85°C	L = 16.42 W = 7.20 H = 4.85
CER0243D	DCS 1842.5 MHz Monoblock Ceramic BPF		1805 - 1880	IL: 3.0 RL: 10.0 Ripple: 1.8	26 dB @ 1785 40 dB @ 1940	-40°C To +85°C	L = 16.42 W = 7.20 H = 4.85



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0244A	PCS 1880 MHz Monoblock Ceramic BPF		1850 - 1910	IL: 2.5 RL: 10.0 Ripple: 1.0	15 dB @ 1830 15 dB @ 1930	-40°C To +85°C	L = 16.42 W = 7.10 H = 4.85
CER0244B	PCS 1880 MHz Monoblock Ceramic BPF		1850 - 1910	IL: 2.6 RL: 10.0 Ripple: 1.2	20 dB @ 1830 22 dB @ 1930	-40°C To +85°C	L = 16.42 W = 7.10 H = 4.85
CER0244E	PCS 1882.5 MHz MonoBlock Ceramic BPF		1850 - 1915	IL: 2.5 RL: 10.0 Ripple: 1.0	15 dB @ 1930 12 dB @ 2075	-40°C To +85°C	L = 16.42 W = 7.1 H = 4.85
CER0244G	PCS 1882.5 MHz MonoBlock Ceramic BPF		1850 - 1915	IL: 2.2 RL: 10.0 Ripple: 0.8	12 dB @ 1995 12 dB @ 2075	-40°C To +85°C	L = 16.42 W = 7.1 H = 4.85
CER0245A	PCS 1960 MHz Monoblock Ceramic BPF		1930 - 1990	IL: 2.5 RL: 10.0 Ripple: 1.0	15 dB @ 2010 15 dB @ 1910	-40°C To +85°C	L = 16.42 W = 6.80 H = 4.85
CER0245B	PCS 1960 MHz Monoblock Ceramic BPF		1930 - 1990	IL: 2.6 RL: 10.0 Ripple: 1.2	20 dB @ 2010 22 dB @ 1910	-40°C To +85°C	L = 16.42 W = 6.80 H = 4.85
CER0245E	PCS 1962.5 MHz MonoBlock Ceramic BPF		1930 - 1995	IL: 2.5 RL: 10.0 Ripple: 1.0	12 dB @ 2075 15 dB @ 1915	-40°C To +85°C	L = 16.42 W = 6.8 H = 4.85



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0245F	PCS 1962.5 MHz MonoBlock Ceramic BPF		1930 - 2000	IL: 2.5 RL: 10.0 Ripple: 1.0	15 dB @ 1910 15 dB @ 2020	-40°C To +85°C	L = 16.42 W = 6.8 H = 4.85
CER0246C	DCS 1747.5 MHz Monoblock Ceramic BPF		1710 - 1785	IL: 3.3 RL: 10.0 Ripple: 2.0	25 dB @ 1805 18 dB @ 1795	-40°C To +85°C	L = 27.90 W = 7.70 H = 5.72
CER0247B	DCS 1842.5 MHz Monoblock Ceramic BPF		1805 - 1880	IL: 3.1 RL: 10.0 Ripple: 1.7	45 dB @ 1785 10 dB @ 1900	-40°C To +85°C	L = 27.90 W = 7.30 H = 5.72
CER0247C	DCS 1842.5 MHz Monoblock Ceramic BPF		1805 - 1880	IL: 3.3 RL: 10.0 Ripple: 2.1	30 dB @ 1785 18 dB @ 1795 10 dB @ 1900	-40°C To +85°C	L = 27.90 W = 7.30 H = 5.72
CER0247E	DCS 1842.5 MHz Monoblock Ceramic BPF		1805 - 1880	IL: 3.9 RL: 10.0 Ripple: 2.6	10 dB @ 1900 28 dB @ 1795 30 dB @ 1785	-40°C To +85°C	L = 27.90 W = 7.30 H = 5.72
CER0248C	PCS 1880 MHz Monoblock Ceramic BPF		1850 - 1910	IL: 3.7 RL: 10.0 Ripple: 2.1	30 dB @ 1930 20 dB @ 1920 10 dB @ 1830	-40°C To +85°C	L = 27.90 W = 7.20 H = 5.72
CER0249B	PCS 1960 MHz Monoblock Ceramic BPF		1930 - 1990	IL: 3.4 RL: 10.0 Ripple: 1.8	40 dB @ 1910 10 dB @ 2010	-40°C To +85°C	L = 27.90 W = 7.30 H = 5.72



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0249C	PCS 1880 MHz Monoblock Ceramic BPF		1930 - 1990	IL: 3.9 RL: 10.0 Ripple: 2.2	32 dB @ 1910 19 dB @ 1920 10 dB @ 2010	-40°C To +85°C	L = 27.90 W = 7.00 H = 5.72
CER0263B	BBW 2.593 GHz MonoBlock Ceramic BPF		2495-2690	IL: -2.0 RL: -10.0 Ripple: -0.8	-40 dB @ 2222 -25 dB @ 2963	-40°C To +85°C	L = 6.8 W = 5.0 H = 2.4
CER0263C	BBW 2.25 GHz MonoBlock Ceramic BPF		2150 - 2350	IL: -2.0 RL: -10.0 Ripple: 0.8	-40 dB @ 1650 -30 dB @ 2850	-40°C To +85°C	L = 6.8 W = 5.0 H = 2.4
CER0273A	OTHER 1007.1 MHz MonoBlock Ceramic BPF		994-1020	IL: -1.1 RL: -10.0 Ripple: -0.4	-15 dB @ 862 -10 dB @ 1152	-40°C To +85°C	L = 7.05 W = 10.92 H = 3.93
CER0273B	OTHER 1007.1 MHz MonoBlock Ceramic BPF		994-1020	IL: -1.1 RL: -10.0 Ripple: -0.4	-15 dB @ 862 -10 dB @ 1152	-40°C To +85°C	L = 7.05 W = 10.92 H = 3.93
CER0278C	BBW 3.687 GHz MonoBlock Ceramic BPF		3675 - 3700	IL: -3.0 RL: -12.0 Ripple: 0.5	-40 dB @ 3216 -20 dB @ 3000 -13 dB @ 3630 -35 dB @ 4000	-40°C To +85°C	L = 8.4 W = 5.6 H = 3.0
CER0279B	BBW 3.425 GHz MonoBlock Ceramic BPF		3400 - 3450	IL: -3.6 RL: -10.0 Ripple: 1.0	-25 dB @ 3525	-40°C To +85°C	L = 8.4 W = 5.3 H = 3.0



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0280A	BBW 1400 MHz MonoBlock Ceramic BPF		1351-1426	IL: -1.5 RL: -12.0 Ripple: -0.5	-20 dB @ 1239 -50 dB @ 676	-40°C To +85°C	L = 10.0 W = 7.8 H = 4.0
CER0293A	BBW 2600 MHz MonoBlock Ceramic BPF		2420-2720	IL: -2.2 RL: -8.0	-25 dB @ 2180 -25 dB @ 3000	-40°C To +85°C	L = 9.91 W = 4.03 H = 4.0
CER0295B	W-CDMA 2.594 GHz MonoBlock Ceramic BPF		2496-2692	IL: -1.6 RL: -10.0 Ripple: 1.0	-40 dB @ 1796 -24 dB @ 2396 -24 dB @ 2792 -20 dB @ 4001	-40°C To +85°C	L = 15.5 W = 6.5 H = 4.3
CER0295C	W-CDMA 2.594 GHz MonoBlock Ceramic BPF		2476-2710	IL: -2.0 RL: -10.0 Ripple: 1.0	-30 dB @ 2300 -15 dB @ 2774	-40°C To +85°C	L = 15.5 W = 6.5 H = 4.3
CER0295G	W-CDMA 2.594 GHz MonoBlock Ceramic BPF		2496-2692	IL: -2.5 RL: -10.0 Ripple: 1.5	-34 dB @ 2396 -34 dB @ 2792	-40°C To +85°C	L = 15.5 W = 6.5 H = 4.3
CER0310B	BBW 3.75 GHz MonoBlock Ceramic BPF		3600 - 3700	IL: -2.0 RL: -10.0 Ripple: 0.5	-40 dB @ 3000 -33 dB @ 3350 -30 dB @ 3950	-40°C To +85°C	L = 11.75 W = 5.9 H = 4.6
CER0311B	BBW 3.75 GHz MonoBlock Ceramic BPF		3700 - 3800	IL: -2.0 RL: -10.0 Ripple: 0.5	-40 dB @ 3100 -33 dB @ 3450 -30 dB @ 4050	-40°C To +85°C	L = 11.75 W = 6.4 H = 4.6



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0312A	OTHER 3550 MHz MonoBlock Ceramic BPF		3300-3800	IL: -1.5 RL: -12.0 Ripple: 1.0	-40 dB @ 2700	-40°C To +85°C	L = 10.03 W = 3.69 H = 3.68
CER0325C	BBW 3.500 GHz MonoBlock Ceramic BPF		3400 - 3600	IL: -1.7 RL: -10.0 Ripple: 1.0	-38 dB @ 3150 -35 dB @ 3800	-40°C To +85°C	L = 6.8 W = 5.7 H = 2.4
CER0325D	BBW 3.550 GHz MonoBlock Ceramic BPF		3499 - 3600	IL: -1.5 RL: -12.0 Ripple: -0.5	-40 dB @ 2688 -45 dB @ 3144	-40°C To +85°C	L = 6.8 W = 5.8 H = 2.4
CER0325E	BBW 3.450 GHz MonoBlock Ceramic BPF		3399 - 3500	IL: -1.5 RL: -12.0 Ripple: -0.5	-40 dB @ 2588 -45 dB @ 3044	-40°C To +85°C	L = 6.8 W = 5.8 H = 2.4
CER0347B	BBW 2.35 GHz MonoBlock Ceramic BPF		2300 - 2400	IL: -2.0 RL: -10.0 Ripple: 1.0	-40 dB @ 2100 -33 dB @ 2600	-40°C To +85°C	L = 10.2 W = 7.9 H = 4.0
CER0348B	BBW 2.593 GHz MonoBlock Ceramic BPF		2496 - 2690	IL: -2.0 RL: -10.0 Ripple: 1.0	-40 dB @ 2300 -40 dB @ 2900	-40°C To +85°C	L = 10.2 W = 7.6 H = 4.0
CER0349B	BBW 3.5 GHz MonoBlock Ceramic BPF		3400 - 3600	IL: -2.0 RL: -12.0 Ripple: 1.0	-28dB @ 3240 -28 dB @ 3760	-40°C To +85°C	L = 10.2 W = 6.2 H = 4.0



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0349D	BBW 3.5 GHz MonoBlock Ceramic BPF		3380 - 3620	IL: -2.0 RL: -10.0 Ripple: 0.8	-30dB @ 3200 -30 dB @ 3800	-40°C To +85°C	L = 10.2 W = 6.2 H = 4.0
CER0349E	BBW 3.5 GHz MonoBlock Ceramic BPF		3400 - 3600	IL: -2.0 RL: -12.0 Ripple: 0.5	-40 dB @ 3100 -25 dB @ 3250 -25 dB @ 3750	-40°C To +85°C	L = 10.2 W = 6.7 H = 4.0
CER0357B	GPS 1575 MHz MonoBlock Ceramic BPF		1525 - 1625	IL: -1.7 RL: -14.0 Ripple: 1.0	-40 dB @ 1400 -40 dB @ 1800	-40°C To +85°C	L = 10.0 W = 6.8 H = 4.0
CER0358B	GPS 1227 MHz MonoBlock Ceramic BPF		1182 - 1272	IL: -1.7 RL: -13.0 Ripple: 0.6	-40 dB @ 1050 -40 dB @ 1450	-40°C To +85°C	L = 10.0 W = 9.2 H = 4.0
CER0366A	DCS 1747.5 MHz MonoBlock Ceramic BPF		1710-1785	IL: -2.5 RL: -12.0 Ripple: 1.0	30 dB @ 1690 10 dB @ 1700 25 dB @ 1805 30 dB @ 2000	-40°C To +85°C	L = 33.655 W = 11.176 H = 8.436
CER0367A	BBW 2.45 GHz MonoBlock Ceramic BPF		2400-2500	IL: -1.2 RL: -12.0 Ripple: 0.5	-40 dB @ 2100 -30 dB @ 2800	-40°C To +85°C	L = 11.75 W = 5.557 H = 4.5
CER0368A	BBW 2.437 GHz MonoBlock Ceramic BPF		2412 - 2462	IL: -3.4 RL: -12.0 Ripple: 1.0	-25 dB @ 2325 -20 dB @ 2387 -20 dB @ 2487 -20 dB @ 2575	-40°C To +85°C	L = 26.5 W = 5.0 H = 4.8



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0369A	BBW 5.4 GHz MonoBlock Ceramic BPF		4900 - 5850	IL: -1.5 RL: -10.0 Ripple: 0.8	-23dB @ 4200 -18dB @ 8000	-40°C To +85°C	L = 6.8 W = 3.8 H = 2.6
CER0370A	BBW 5.6 GHz MonoBlock Ceramic BPF		5450 - 5825	IL: -1.5 RL: -10.0 Ripple: 0.8	-30dB @ 4850	-40°C To +85°C	L = 6.8 W = 3.8 H = 2.6
CER0370C	BBW 5.6 GHz MonoBlock Ceramic BPF		5470 - 5850	IL: -1.8 RL: -10.0 Ripple: 0.8	-30dB @ 4990	-40°C To +85°C	L = 6.8 W = 3.8 H = 2.6
CER0371A	DCS 1880 MHz MonoBlock Ceramic BPF		1850-1910	IL: -3.0 RL: -12.0 Ripple: 0.8	-25 dB @ 1830 -25 dB @ 1930 -25 dB @ 2000	-40°C To +85°C	L = 33.655 W = 10.7 H = 8.436
CER0373B	BBW 3.625 GHz MonoBlock Ceramic BPF		3600 - 3650	IL: -3.5 RL: -12.0 Ripple: 1.0	-25dB @ 3525	-40°C To +85°C	L = 8.4 W = 5.3 H = 3.0
CER0375B	BBW 3.687 GHz MonoBlock Ceramic BPF		3675 - 3700	IL: -3.0 RL: -12.0 Ripple: 0.5	-30dB @ 3579 -20dB @ 3600 -13dB @ 3630 -35dB @ 4000	-40°C To +85°C	L = 8.4 W = 5.6 H = 2.8
CER0405A	BBW 3425 MHz MonoBlock Ceramic BPF		3400-3450	IL: -3.5 RL: -10.0 Ripple: -1.2	-40 dB @ 3300 -10 dB @ 3550	-40°C To +85°C	L = 10.2 W = 6.4 H = 4.4



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
CER0406A	BBW 3475 MHz MonoBlock Ceramic BPF		3450-3500	IL: -3.5 RL: -10.0 Ripple: -1.2	-40 dB @ 3350 -10 dB @ 3600	-40°C To +85°C	L = 10.2 W = 6.4 H = 4.4
CER0407A	BBW 3525 MHz MonoBlock Ceramic BPF		3500-3550	IL: -3.5 RL: -10.0 Ripple: -1.2	-40 dB @ 3400 -10 dB @ 3650	-40°C To +85°C	L = 10.2 W = 6.4 H = 4.4
CER0408A	BBW 3575 MHz MonoBlock Ceramic BPF		3550-3600	IL: -3.5 RL: -10.0 Ripple: -1.2	-40 dB @ 3450 -10 dB @ 3700	-40°C To +85°C	L = 10.2 W = 6.4 H = 4.4
CER0454B	BBW 2.45 GHz MonoBlock Ceramic BPF		2400 - 2500	IL: -1.5 RL: -10.0 Ripple: 0.8	-30 dB @ 2200 -20 dB @ 2320 -30 dB @ 2800	-40°C To +85°C	L = 10.2 W = 5.2 H = 4.0
CER0455B	BBW 5.6 GHz MonoBlock Ceramic BPF		5470 - 5725	IL: -2.0 RL: -10.0 Ripple: 0.8	-25 dB @ 5320 -20 dB @ 5850	-40°C To +85°C	L = 15.5 W = 3.7 H = 4.3
CER0456B	BBW 5.8 GHz MonoBlock Ceramic BPF		5725 - 5850	IL: -2.0 RL: -10.0	-40 dB @ 5200 -8 dB @ 6000	-40°C To +85°C	L = 11.75 W = 3.4 H = 4.6
KFF6050A	TCAS Ceramic Monoblock BPF		1025-1035	IL: 2.5 RL: 10.0	18 dB @ 1000 35 dB @ 1100	0°C to +25°C	L = 53.850 W = 13.720 H = 12.25



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
KFF6052A	GPS L2 Monoblock Ceramic BPF		1212.6-1242.3	IL: 1.0 RL: 12.0	30 dB @ 1152.6 30 dB @ 1302.6	0°C to +25°C	L = 41.605 W = 12.891 H = 8.941
KFF6053A	GPS L1 Monoblock Ceramic BPF		1565.4-1585.4	IL: 1.0 RL: 12.0	30 dB @ 1500.4 30 dB @ 1650.4	0°C to +25°C	L = 41.605 W = 12.891 H = 8.128
KFF6106A	TCAS Ceramic Monoblock BPF		1087-1093	IL: 1.0 RL: 12.5	40 dB @ 970	0°C to +25°C	L = 41.605 W = 12.891 H = 10.210
KFF6133A	GPS L1 Monoblock Ceramic BPF		1574.4-1576.4	IL: 1.0 RL: 15.0	17 dB @ 1525.4	0°C to +25°C	L = 33.58 W = 7.06 H = 7.85
KFF6136A	TCAS Ceramic Monoblock BPF		1095	IL: 1.4 RL: 16.0		0°C to +25°C	L = 11.569 W = 11.569 H = 10.109
KFF6138A	TCAS Ceramic Monoblock BPF		1027-1033	IL: 1.7 RL: 12.0	15 dB @ 1005 18 dB @ 1055 40 dB @ 1090	0°C to +25°C	L = 33.580 W = 7.850 H = 10.744
KFF6168A	800 MHz Ceramic Monoblock BPF		804-824	IL: 2.7 RL: 11.0	44 dB @ 850	0°C to +25°C	L = 29.399 W = 13.995 H = 4.496



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
KFF6193A	ISM Ceramic Monoblock BPF		902-928	IL: 2.0 RL: 10.0	30 dB @ 710	0°C to +25°C	L = 8.788 W = 7.899 H = 4.496
KFF6215A	ISM Ceramic Monoblock BPF		902-928	IL: 2.8 RL: 10.5	24.5 dB @ 849	0°C to +25°C	L = 11.748 W = 8.730 H = 4.496
KFF6242A	InMarSat Ceramic Monoblock BPF		1625.5 1660.5	IL: 1.5 RL: 12.0	30.0 dB @ 1545 20.0 dB @ 1576.5 20.0 dB @ 1710	0°C To 25°C	L = 33.58 W = 6.63 H = 7.85
KFF6338A	GPS Ceramic Monoblock BPF		1570-1581	IL: 1.5 RL: 16.0	7.0 dB @ 1501 20.0 dB @ 1625	0°C To 25°C	L = 7.88 W = 9.15 H = 4.52
KFF6384A	TCAS Ceramic Monoblock BPF		1020-1040	IL: 3.0 RL: 12.0	32 dB @ 990 32 dB @ 1060	0°C to +25°C	L = 33.580 W = 11.252 H = 7.850
KFF6401A	GPS L1 Monoblock Ceramic BPF		1565.4-1585.4	IL: 1.0 RL: 12.0	29 dB @ 1500.4 29 dB @ 1650.4	0°C to +25°C	L = 38.557 W = 11.723 H = 5.664
KFF6402A	TCAS Ceramic Monoblock BPF		1087-1093	IL: 2.0 RL: 12.0	35 dB @ 1030	0°C to +25°C	L = 33.580 W = 10.109 H = 7.850



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
KFF6403A	GPS L2 Monoblock Ceramic BPF		1217.6-1237.6	IL: 2.1 RL: 12.1	29 dB @ 1152.6 29 dB @ 1302.6	0°C to +25°C	L = 38.557 W = 7.163 H = 11.723
KFF6407A	TCAS Ceramic Monoblock BPF		1033-1036	IL: 1.0 RL: 15.0	51 dB @ 835 46 dB @ 915 32 dB @ 927 20 dB @ 1005	0°C to +25°C	L = 81.656 W = 11.151 H = 20.856
KFF6415A	TCAS Ceramic Monoblock BPF		1087-1093	IL: 2.0 RL: 12.0	55 dB @ 970 20 dB @ 1060 20 dB @ 1120 55 dB @ 1210	0°C to +25°C	L = 33.580 W = 10.109 H = 7.850
KFF6433A	CATV Ceramic Monoblock BPF		1052-1056	IL: 4.5 RL: 10.0	55 dB @ 1029 20 dB @ 1044 20 dB @ 1064 50 dB @ 1079	0°C to +25°C	L = 47.921 W = 10.541 H = 7.850
KFF6444A	TCAS Ceramic Monoblock BPF		1085-1095	IL: 4.5 RL: 10.0	55 dB @ 1065 55 dB @ 1113	0°C to +25°C	L = 47.921 W = 10.287 H = 7.850
KFF6449A	InMarSat Rx Monoblock Ceramic BPF		1525-1559	IL: 2.5 RL: 9.5 Ripple: 1.0	14 dB @ 1475 24 dB @ 1626 32 dB @ 1650	-40°C to +85°C	L = 11.9 W = 8.9 H = 4.5
KFF6450A	InMarSat Tx Monoblock Ceramic BPF		1626.5-1660.5	IL: 2.5 RL: 9.5 Ripple: 1.0	30 dB @ 1576.5 24 dB @ 1751.5	-40°C to +85°C	L = 11.75 W = 7.29 H = 4.5



Ceramic Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
KFF6505A	1790 MHz MonoBlock Ceramic BPF		1770-1810	IL: -2.3 RL: -10.0	-35 dB @ 1490 -35 dB @ 1530 -40 dB @ 1635 -40 dB @ 1665	-40°C To +85°C	L = 11.75 W = 7.5 H = 4.5
KFF6514A	InMarSat Ceramic Monoblock BPF		1525-1577	IL: 1.0 (PB1) IL: 1.7 (PB2) RL: 12.0	25 dB @ 1460 25 dB @ 1626 40 dB @ 1710	0°C to +25°C	L = 33.8580 W = 6.680 H = 7.850
KFF6516A	TCAS Ceramic Monoblock BPF		1087-1093	IL: 2.75 RL: 12.0	30 dB @ 970 15 dB @ 1060 5 dB @ 1120 10 dB @ 1210	0°C to +25°C	L = 33.580 W = 10.363 H = 7.850
KFF6520A	InMarSat Ceramic Monoblock BPF		1525-1585	IL: 1.5 RL: 12.0	25 dB @ 1460 55 dB @ 1210 20 dB @ 1626.5 40 dB @ 1710	0°C to +25°C	L = 33.580 W = 6.680 H = 7.850
KFF6538A	GPS L2 Monoblock Ceramic BPF		1217.6-1237.6	IL: 1.5 RL: 10.0	19 dB @ 1086.6 31 dB @ 1367.6	0°C to +25°C	L = 7.889 W = 10.922 H = 4.496
KFF6595A	InMarSat Ceramic Monoblock BPF		1525-1575	IL: 2.6 RL: 10.0	24 dB @ 1626.5 14 dB @ 1475 32.0 dB @ 1650	-40°C To +85°C	L = 11.9 W = 8.89 H = 4.496
KFF6668A	TCAS Ceramic Monoblock BPF		1033	IL: 1.4 RL: 15.5	3.0 dB @ 1027 3.0 dB @ 1039	0°C to +25°C	L = 11.569 W = 10.871 H = 11.569



Coupled Resonator Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
DCR0001A	PCS 1960 MHZ BPF Ceramic Coupled Resonat		1930-1990	IL: 2.2 RL: 10.0 Ripple: 1.0	40 dB @ 1560 MHz 15 dB @ 1860 MHz 15 dB @ 2060 MHz 40 dB @ 2360 MHz	-30°C to +85°C	L = 10.5 W = 8.5 H = 4.2
DCR0002A	PCS 1880 MHZ BPF Ceramic Coupled Resonat		1850-1910	IL: 2.2 RL: 10.0 Ripple: 1.0	40 dB @ 1480 MHz 15 dB @ 1780 MHz 15 dB @ 1980 MHz 40 dB @ 2280 MHz	-30°C to +85°C	L = 10.5 W = 8.5 H = 4.2
DCR0003A	AMPS 836.5 MHZ BPF Ceramic Coupled Resonat		824-849	IL: 2.6 RL: 10.0 Ripple: 1.0	12 dB @ 804 MHz 12 dB @ 869 MHz	-30°C to +85°C	L = 10.5 W = 14.5 H = 4.5
DCR0004A	AMPS 881.5 MHZ BPF Ceramic Coupled Resonat		869-894	IL: 2.6 RL: 10.0 Ripple: 1.0	12 dB @ 849 MHz 12 dB @ 914 MHz	-30°C to +85°C	L = 10.5 W = 14.5 H = 4.5
DCR0005A	PCS 1880 MHZ BPF Ceramic Coupled Resonat		1850-1910	IL: 3.0 RL: 11.0 Ripple: 1.0	30 dB @ 1800 MHz 30 dB @ 1960 MHz	-30°C to +85°C	L = 26.5 W = 16.5 H = 6.5
DCR0006A	PCS 1960 MHZ BPF Ceramic Coupled Resonat		1930-1990	IL: 3.0 RL: 11.0 Ripple: 1.0	30 dB @ 1880 MHz 30 dB @ 2040 MHz	-30°C to +85°C	L = 26.5 W = 16.5 H = 6.5



Coupled Resonator Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
DCR0007A	AMPS 836.5 MHz BPF Ceramic Coupled Resonat		824-849	IL: 2.5 RL: 11.0 Ripple: 1.0	15 dB @ 804 MHz 15 dB @ 869 MHz	-30°C to +85°C	L = 21.3 W = 15.0 H = 7.5
DCR0008A	AMPS 881.5 MHz BPF Ceramic Coupled Resonat		869-894	IL: 2.5 RL: 11.0 Ripple: 1.0	15 dB @ 849 MHz 15 dB @ 914 MHz	-30°C to +85°C	L = 21.3 W = 15.0 H = 7.5
DCR0009A	PCS 1880 MHz BPF Ceramic Coupled Resonat		1850-1910	IL: 3.2 RL: 10.0 Ripple: 2.0	30 dB @ 1930 MHz	-30°C to +85°C	L = 39.0 W = 19.5 H = 8.0
DCR0010A	PCS 1960 MHz BPF Ceramic Coupled Resonat		1930-1990	IL: 3.8 RL: 10.0 Ripple: 2.5	30 dB @ 1910 MHz	-30°C to +85°C	L = 39.0 W = 19.5 H = 8.0
DCR0013A	W-CDMA 1950 MHz BPF Ceramic Coupled Resonat		1920-1980	IL: 2.5 RL: 14.0 Ripple: 1.0	38 dB @ 2110 MHz	-30°C to +85°C	L = 13.5 W = 12.5 H = 4.5
DCR0014A	W-CDMA 2140 MHz BPF Ceramic Coupled Resonat		2110-2170	IL: 2.5 RL: 14.0 Ripple: 1.0	38 dB @ 1980 MHz	-30°C to +85°C	L = 13.5 W = 12.5 H = 4.5



Coupled Resonator Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
DCR0015A	W-CDMA 2140 MHz BPF Ceramic Coupled Resonat		2110-2170	IL: 2.0 RL: 15.0 Ripple: 1.0	40 dB @ 1920 MHz 50 dB @ 1980 MHz 30 dB @ 2300 MHz	-30°C to +85°C	L = 38.5 W = 16.5 H = 8.0
DCR0016A	EGSM 897 MHz BPF Ceramic Coupled Resonat		880-915	IL: 2.3 RL: 10.0 Ripple: 0.9	6 dB @ 870 MHz 6 dB @ 925 MHz	-30°C to +85°C	L = 10.5 W = 13.5 H = 4.5
DCR0017A	EGSM 942 MHz BPF Ceramic Coupled Resonat		925-960	IL: 2.3 RL: 10.0 Ripple: 0.9	6 dB @ 915 MHz 6 dB @ 970 MHz	-30°C to +85°C	L = 10.5 W = 13.5 H = 4.5
DCR0018A	DCS 1747.5 MHz BPF Ceramic Coupled Resonat		1710-1785	IL: 2.0 RL: 10.0 Ripple: 1.0	25 dB @ 1587.5 MHz 8 dB @ 1667.5 MHz 8 dB @ 1827.5 MHz 25 dB @ 1907.5 MHz	-30°C to +85°C	L = 11.0 W = 9.0 H = 4.2
DCR0019A	DCS 1842.5 MHz BPF Ceramic Coupled Resonat		1805-1880	IL: 2.0 RL: 11.0 Ripple: 0.8	25 dB @ 1682.5 MHz 8 dB @ 1762.5 MHz 8 dB @ 1922.5 MHz 25 dB @ 2002.5 MHz	-30°C to +85°C	L = 11.0 W = 9.0 H = 4.2
DCR0022A	INMARSAT 1542 MHz BPF Ceramic Coupled Resonat		1525-1559	IL: 3.0 RL: 10.0 Ripple: 0.9	30 dB @ 1626.5 MHz	-30°C to +85°C	L = 10.5 W = 10.5 H = 4.1



Coupled Resonator Filters

The following catalog products are recommended for new applications. If the product required is not shown, we may have a customized product for your application. Please contact your CTS Representative for availability.

Model	Description	Picture	Passband (MHz)	IL (dB) RL (dB)	Attenuation (MHz)	Temp. Range	Package Size (mm)
DCR0023A	INMARSAT 1643 MHz BPF Ceramic Coupled Resonat		1626.5-1660.5	IL: 3.0 RL: 10.0 Ripple: 0.9	30 dB @ 1559 MHz	-30°C to +85°C	L = 10.5 W = 10.5 H = 4.1
DCR0025A	ISM 915 MHz BPF Ceramic Coupled Resonat		902-928	IL: 2.2 RL: 10.0 Ripple: 1.0	23 dB @ 837.5 MHz 18 dB @ 992.5 MHz	-30°C to +85°C	L = 6.9 W = 13.8 H = 4.3
DCR0026A	GPS 1575.42 MHz BPF Ceramic Coupled Resonat		1574.42-1576.42	IL: 1.2 RL: 10.0 Ripple: 0.3	16 dB @ 1435.42 MHz 14 dB @ 1715.42 MHz	-30°C to +85°C	L = 7.0 W = 10.0 H = 4.5
DCR0027A	ISM 915 MHz BPF Ceramic Coupled Resonat		902-928	IL: 2.0 RL: 14.0 Ripple: 1.0	35 dB @ 975 MHz 35 dB @ 995 MHz	-30°C to +85°C	L = 13.5 W = 16.0 H = 4.5
DCR0028A	ISM 2442 MHz BPF Ceramic Coupled Resonat		2400-2484	IL: 2.5 RL: 14.0 Ripple: 1.0	40 dB @ 2042 MHz 40 dB @ 2842 MHz	-30°C to +85°C	L = 13.5 W = 12.5 H = 4.5
DCR0029A	BBW 3200 MHz BPF Ceramic Coupled Resonat		3185-3215	IL: 4.0 RL: 14.0 Ripple: 0.8	30 dB @ 3050 MHz 30 dB @ 3350 MHz	-30°C to +85°C	L = 13.5 W = 13.5 H = 5.5