

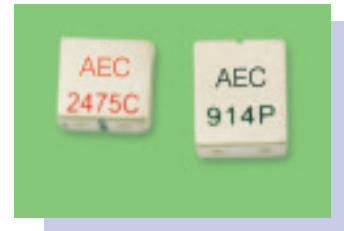
Dielectric Filter for Wireless Communication

Features

- ★ High attenuation
- ★ Very low insertion loss

Applications

- ★ Mobile phones
- ★ Cordless phone



Specifications (Characteristics)

Part Number	Center Frequency (MHz)	Band Width (MHz)	Insertion Loss (dB)	Ripple (dB)	VSWR (in BW)	Attenuation (dB)	Dimension (mm)	Pole Type
DFC405B04A1	405.00	± 2.0	≦ 3.5	≦ 1.0	≦ 2.0	≧ 15 (fo ± 24MHz) ≧ 15 (fo - 24MHz)	11.05 x 7.45 x 3.7	C
DFC620H12A	620.0	± 6.0	≦ 3.3	≦ 1.0	≦ 1.8	≧ 45 (fo ± 80 MHz) ≧ 55 (fo ± 20.0MHz)	8.9 x 11.6 x 4.4	C
DFC821P01A	821.50	± 0.2	≦ 4.0	≦ 0.5	≦ 2.0	≧ 25 (fo + 24MHz) ≧ 20 (fo - 24MHz)	9.7 x 5.8 x 2.8	C
DFC866P04A	866.00	± 2.0	≦ 3.0	≦ 0.5	≦ 2.0	≧ 50 (fo + 150MHz) ≧ 38 (fo - 150MHz)	9.0 x 7.3 x 3.65	C
DFC900P02A	900.00	± 1.0	≦ 3.0	≦ 0.5	≦ 2.0	≧ 25 (fo ± 50MHz)	8.7 x 7.3 x 3.65	C
DFC904F03A	903.75	± 1.35	≦ 2.5	≦ 0.5	≦ 2.0	≧ 23 (924.9~927.6MHz) ≧ 30 (at 812.4MHz)	8.8 x 6.0 x 3.5	C
DFC906P06A	906.00	± 3.0	≦ 4.0	≦ 0.5	≦ 2.0	≧ 30 (fo + 50MHz) ≧ 25 (fo - 50MHz)	8.7 x 7.3 x 3.65	C
DFC912R06A	912.00	± 3.0	≦ 5.0	≦ 0.8	≦ 2.0	≧ 35 (fo ± 32MHz)	8.7 x 11.8 x 3.8	C
DFC920P01A	920.50	± 0.5	≦ 4.5	≦ 1.0	≦ 2.0	≧ 25 (fo + 20MHz) ≧ 25 (fo - 20MHz)	8.58 x 7.3 x 3.65	C
DFC926F03A	926.25	± 1.35	≦ 3.0	≦ 0.5	≦ 2.0	≧ 23 (902.4~905.1MHz) ≧ 30 (at 834.5MHz)	8.8 x 6.0 x 3.5	C
DPC940P10A	940.00	± 0.5	≦ 4.5	≦ 1.0	≦ 2.0	≧ 25 (fo + 20MHz) ≧ 25 (fo - 20MHz)	8.4 x 7.3 x 3.65	C
DFC957R06A	957.00	± 3.0	≦ 5.0	≦ 0.8	≦ 2.0	≧ 35 (fo ± 32MHz)	8.2 x 11.8 x 3.8	C
DFC963P02A	963.00	± 1.0	≦ 3.0	≦ 0.5	≦ 2.0	≧ 24 (fo + 44MHz) ≧ 30 (fo - 44MHz)	8.5 x 7.3 x 3.65	C
DFC970P01A	970.50	± 0.5	≦ 4.5	≦ 1.0	≦ 2.0	≧ 25 (fo + 20MHz) ≧ 25 (fo - 25MHz)	8.10 x 7.3 x 3.65	C
DFC980P01A	980.50	± 0.5	≦ 4.5	≦ 1.0	≦ 2.0	≧ 25 (fo + 20MHz) ≧ 25 (fo - 20MHz)	8.10 x 7.3 x 3.65	C
DFC1000R04A1	1000.00	± 2.0	≦ 4.0	≦ 1.0	≦ 2.0	≧ 50 (fo ± 100MHz)	7.9 x 11.8 x 3.8	C
DFC1035R25A1	1035.00	± 12.5	≦ 3.0	≦ 1.0	≦ 1.5	≧ 30 (fo ± 100MHz)	7.7 x 11.8 x 3.8	C
DFC1170H12A	1170	± 6.0	≦ 4.0	≦ 1.0	≦ 1.8	≧ 45 (fo ± 80MHz) ≧ 55 (fo ± 120MHz)	9.3 x 11.6 x 4.4	C
DFC1275R30A	1275.00	± 15.0	≦ 3.0	≦ 0.5	≦ 2.0	≧ 35 (fo ± 100MHz)	6.3 x 11.8 x 3.8	C
DFC1349P04A	1348.00	± 2.5	≦ 4.5	≦ 1.0	≦ 2.0	≧ 18 (at 1330.00MHz) ≧ 16 (at 1370.00MHz) ≧ 36 (at 1310.00MHz) ≧ 25 (at 1390.00MHz)	6.0 x 7.3 x 3.65	C

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DFC1439M25A	1439.50	± 12.5	≦ 4.0	≦ 2.0	≦ 1.8	≧ 30 (fo + 50MHz) ≧ 35 (fo - 50MHz)	10.35 x 11.6 x 4.4	C
DFC1472V40A	1472.00	± 20.0	≦ 1.3	≦ 1.0	≦ 2.0	≧ 30 (in 1172MHz)	4.9 x 3.6 x 1.9	C
DFC1496P05A	1496.00	± 2.5	≦ 3.5	≦ 0.5	≦ 2.0	≧ 27 (fo + 70MHz) ≧ 30 (fo - 70MHz)	5.45 x 5.5 x 2.9	C
DFC1501R16A	1501.00	± 8.0	≦ 3.5	≦ 1.0	≦ 2.0	≧ 40 (fo ± 75MHz) ≧ 37 (at 1433.5MHz)	11.1 x 11.8 x 3.8	C
DFC1506P04A	1506.00	± 2.0	≦ 3.5	≦ 0.5	≦ 2.0	≧ 27 (fo + 70MHz) ≧ 37 (fo - 70MHz)	5.4 x 5.5 x 2.9	C
DFC1517M25A	1517.50	± 12.5	≦ 4.0	≦ 2.0	≦ 1.8	≧ 30 (fo + 50MHz) ≧ 35 (fo - 50MHz)	9.7 x 11.6 x 4.4	C
DFC1570P04A	1569.80	± 2.0	≦ 3.5	≦ 0.5	≦ 2.0	≧ 30 (fo ± 100MHz)	5.1 x 5.8 x 2.8	C
DFC1620H12A	1620.00	± 6.0	≦ 4.0	≦ 1.0	≦ 1.8	≧ 45 (fo ± 80MHz) ≧ 55 (fo ± 120MHz)	11.1 x 11.6 x 4.4	C
DFC1620M20A	1620.00	± 10.0	≦ 3.0	≦ 1.0	≦ 2.0	≧ 20 (fo ± 50MHz)	9.2 x 11.6 x 4.4	C
DFC1632R22A	1632.00	± 11.0	≦ 3.5	≦ 1.0	≦ 1.7	≧ 35 (fo + 50MHz) ≧ 27 (fo - 50MHz)	10.2 x 11.8 x 3.8	C
DPC1638P04A	1638.50	± 2.0	≦ 3.5	≦ 0.5	≦ 2.0	≧ 27 (fo + 70MHz) ≧ 30 (fo - 70MHz)	4.95 x 5.8 x 2.8	C
DFC1687M03A	1687.00	± 1.5	≦ 6.0	≦ 1.0	≦ 2.0	≧ 25 (fo - 21MHz)	8.2 x 11.8 x 4.4	C
DFC1687R20A	1687.00	± 10.0	≦ 2.0	≦ 0.5	≦ 1.7	≧ 25 (fo + 50MHz) ≧ 23 (fo - 50MHz)	10.0 x 11.8 x 3.8	C
DFC1687V20A	1687.50	± 10.0	≦ 3.0	≦ 1.0	≦ 1.5	≧ 16 (fo + 100MHz) ≧ 30 (fo - 100MHz)	4.2 x 3.6 x 1.9	C
DFC1900R40A	1900.00	± 20.0	≦ 3.0	≦ 1.0	≦ 2.0	≧ 30 (fo + 100MHz) ≧ 28 (fo - 100MHz)	8.8 x 11.8 x 3.8	C
DFC1902R15A	1902.50	± 7.5	≦ 3.0	≦ 0.5	≦ 2.0	≧ 25 (fo ± 50MHz)	8.75 x 11.8 x 3.8	C
DFC1910P20A	1901.00	± 10.0	≦ 2.0	≦ 0.5	≦ 2.0	≧ 37 (in 1680~1700MHz)	4.2 x 5.6 x 2.8	C
DFC2075R25A	2075.00	± 12.5	≦ 5.0	≦ 1.0	≦ 2.0	≧ 40 (fo ± 150MHz)	7.2 x 11.8 x 3.8	C
DFC2332R33A1	2332.50	± 16.5	≦ 2.0	≦ 1.0	≦ 1.5	≧ 30 (fo ± 100MHz)	9.2 x 11.8 x 4.4	C
DFC2490U40A	2490.00	± 20.0	≦ 1.0	≦ 0.5	≦ 2.0	≧ 40 (at 1600MHz)	4.4 x 4.4 x 1.9	C
DFC2970R20A	2470.00	± 10.0	≦ 2.5	≦ 1.0	≦ 2.0	≧ 35 (fo + 100MHz) ≧ 30 (fo - 100MHz)	5.7 x 11.8 x 3.8	C
DFC3000R30A	3000.00	± 15.0	≦ 3.0	≦ 0.5	≦ 2.0	≧ 35 (fo ± 100MHz)	5.55 x 11.8 x 3.8	C
DFC3100R30A	3100.00	± 15.0	≦ 3.0	≦ 0.5	≦ 2.0	≧ 35 (fo ± 100MHz)	5.25 x 11.8 x 3.8	C
DFC3200R30A	3200.00	± 15.0	≦ 3.0	≦ 0.5	≦ 2.0	≧ 35 (fo ± 100MHz)	5.25 x 11.8 x 3.8	C
DFC3415R40A	3415.00	± 20.0	≦ 4.0	≦ 1.0	≦ 2.0	≧ 30 (fo ± 200MHz)	7.3 x 11.8 x 4.0	C
DFC3515R40A	3515.00	± 20.0	≦ 4.0	≦ 1.0	≦ 2.0	≧ 30 (fo ± 200MHz)	7.3 x 11.8 x 4.0	C

Part Number and Ordering Code

Part Number Code	Product Code	Center Frequency	Structure Mode	Band Width	Resonance Mode (A : λ/4, B = λ/2)	Identification code
Ordering Code	Same As Above					
Example	DFC	2332	R	33	A	1