

Dielectric Filter for Repeater

Features

- ★ High attenuation
- ★ Very low insertion loss

Applications

- ★ Mobile station
- ★ PHS



Specifications (Characteristics)

Part Number	Center Frequency (MHz)	Band Width (MHz)	Insertion Loss (dB)	Ripple (dB)	VSWR (in BW)	Attenuation (dB)	Dimension (mm)	Pole Type
DFC803R25A	803.00	± 12.5	≤ 3.0	≤ 1.0	≤ 1.5	≥ 30 (fo ± 100MHz)	9.9 x 11.8 x 3.8	C
DPC813R13A	813.50	± 6.5	≤ 5.0	≤ 1.0	≤ 2.0	≥ 18 (fo ± 30MHz) ≥ 40 (fo ± 70MHz)	9.7 x 11.8 x 3.8	C
DPC830R10A	830.0	± 5.0	≤ 3.5	≤ 1.0	≤ 2.0	≥ 50 (fo + 70MHz) ≥ 42 (fo - 70MHz)	9.6 x 11.8 x 3.8	C
DPC836H25A	836.50	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 12 (fo + 32.5MHz) ≥ 15 (fo - 32.5MHz)	7.0 x 8.2 x 2.8	C
DPC836R25A	836.00	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 18 (fo + 32MHz) ≥ 12 (fo - 32MHz)	9.8 x 11.8 x 3.8	C
DPC836R13A	858.50	± 6.5	≤ 5.0	≤ 1.0	≤ 2.0	≥ 18 (fo ± 30MHz) ≥ 40 (fo ± 70MHz)	9.3 x 11.8 x 3.8	C
DPC875R10A	875.00	± 5.0	≤ 3.5	≤ 1.0	≤ 2.0	≥ 50 (fo + 70MHz) ≥ 42 (fo - 70MHz)	9.0 x 11.8 x 3.8	C
DPC881H25A	881.50	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 12 (fo + 32.5MHz) ≥ 15 (fo - 32.5MHz)	7.5 x 8.2 x 2.8	C
DPC881R25A	881.00	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 18 (fo + 32MHz) ≥ 12 (fo - 32MHz)	9.0 x 11.8 x 3.8	C
DPC899R19A	899.50	± 9.5	≤ 3.5	≤ 1.0	≤ 2.0	≥ 25 (fo + 32MHz) ≥ 17 (fo - 32MHz)	8.9 x 11.8 x 3.8	C
DPC902H25A	902.50	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 12 (fo + 32.5MHz) ≥ 15 (fo - 32.5MHz)	7.3 x 8.2 x 2.8	C
DPC902R25A	902.00	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 18 (fo + 32MHz) ≥ 12 (fo - 32MHz)	8.7 x 11.8 x 3.8	C
DPC944R19A	944.50	± 9.5	≤ 3.5	≤ 1.0	≤ 2.0	≥ 25 (fo + 32MHz) ≥ 17 (fo - 32MHz)	8.4 x 11.8 x 3.8	C
DPC947H25A	947.50	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 12 (fo + 32.5MHz) ≥ 15 (fo - 32.5MHz)	7.0 x 8.2 x 2.8	C
DPC947R25A	947.50	± 12.5	≤ 3.0	≤ 1.0	≤ 2.0	≥ 18 (fo + 32MHz) ≥ 12 (fo - 32MHz)	8.4 x 11.8 x 3.8	C
DPC1908M27A	1908.00	± 13.5	≤ 4.5	≤ 1.5	≤ 2.0	≥ 32 (at 1850.00MHz) ≥ 15 (at 1950.00MHz)	7.0 x 8.2 x 2.8	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)
Ordering Code	Same As Above				
Example	DFC	902	R	25	A