

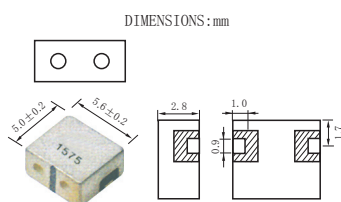


1575MHz DIELECTRIC FILTERS FOR GPS

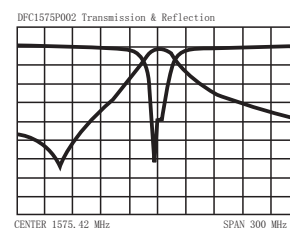
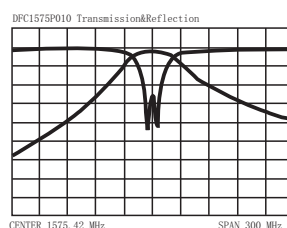
TECHNICAL CHARACTERISTICS

Part Number	Center Frequency (MHz)	Band Width (MHz)	Insertion Loss (dB) max	Pass Band Ripple (dB) max	VSWR(in BW) max	Spurious Attenuation (dB) min
DFC1575P010	1575.42	10	3	0.5	2	19 (fo-50M) 15 (fo+50M)
DFC1575P002	1575.42	2	3.5	0.5	2	23 (fo-50M) 18 (fo+50M)

OUTLINE DIMENSIONS (mm)



CHARACTERISTICS



DIELECTRIC ANTENNA ELEMENTS

TECHNICAL CHARACTERISTICS

Part Number	Size (mm)	Nominal Center Frequency (MHz)	-10dB Band Width (MHz) min	VSWR(in BW) max	Axial Ratio (dB) max	Gain (DBI) min	Ground Plane Size (mm)
DAE1575R25A	25×25	1575	15	2.0	4.0	5.0	70×70
DAE1575R25B	25×25	1575	15	2.0	4.0	5.0	70×70
DAE1575R25C	25×25	1575	8	2.0	4.0	2.5	35×35
DAE1575R20A	25×25	1575	6	2.0	4.0	0.0	40×40
DAE1575R20B	25×25	1575	6	2.0	4.0	0.0	40×40
DAE1575R18B	25×25	1575	6	2.0	4.0	0.0	40×40
DAE1575R13B	25×25	1575	2	2.0	4.0	-0.4	30×30
DAE1616L25B	25×25	1616	15	2.0	4.0	5.0	70×70
DAE2492R25B	25×25	2492	50	2.0	4.0	5.0	70×70
DAE2338L25B	25×25	2338	46	2.0	4.0	5.0	70×70

OUTLINE DIMENSIONS (mm)

