Filter Data Sheets

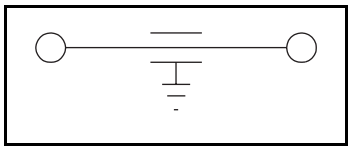
Solder Mounted Feedthrough Capacitors — TF, DF

Ordering Information

As Part Number

Tangent of loss angle (Tan δ)	0.035 max.
Insulation Resistance	7.5 GΩ Min at Rated Voltage
Proof Test Voltage	3 × Rated Voltage
Finish	Tin

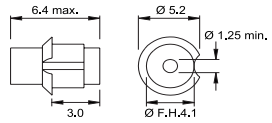
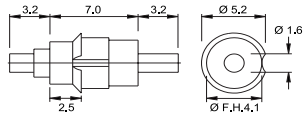
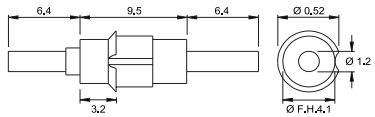
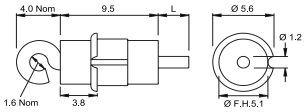
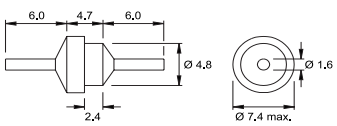
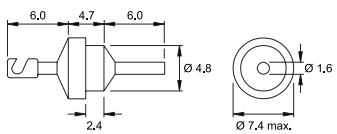
Circuit Diagram



Case Dimensions

All dimensions in millimetres. Limits ± 0.2 unless otherwise stated.

Characteristics

Case Type	Part Number	Cap. (pF)	Tolerance	Current Rating (A)	Rated Voltage V d.c. -55°C to +85°C	Typical Insertion Loss (dB) 10 MHz	100 MHz	1 GHz	10 GHz
	**TF500PP2420**	500	- 0 + 100%	—	300	3	16	36	55
	TF01N0Z2420	1000	- 20 + 80%	—	300	6	23	43	60
	**TF01N0Z2415**	1000	- 20 + 80%	15	300	6	23	43	60
	**TF01N0P2404**	1000	- 0 + 100%	10	500	6	23	43	60
	TF01N0Z2404	1000	- 20 + 80%	10	500	6	23	43	60
	TF500PE2404	500	± 25%	10	500	3	16	36	55
	TF04N2M2404	4200	± 20%	10	500	12	35	50	60
 **Note:** Type 2500 L = 3.2 Type 2501 L = 6.4	**TF01N0Z2500**	1000	- 20 + 80%	10	500	3	16	36	55
	TF01N5Z2500	1500	- 20 + 80%	10	500	9	28	48	60
	TF03N0Z2500	3000	- 20 + 80%	10	500	12	32	53	60
	TF01N0Z2501	1000	- 20 + 80%	10	500	3	16	36	55
	TF01N5Z2501	1500	- 20 + 80%	10	500	9	28	48	60
	TF03N0Z2501	3000	- 20 + 80%	10	500	12	32	53	60
	**DF01N0ZO100**	1000	- 20 + 80%	15	500	3	16	36	55
	**DF01N0ZO101**	1000	- 20 + 80%	15	500	3	16	36	55

Other values of capacitance are available on request.

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