

Miniature Threaded C Circuit Filters

DLT

Ordering Information

Please state Part Number.

All types except DLT/- supplied with crinkle washer as standard.

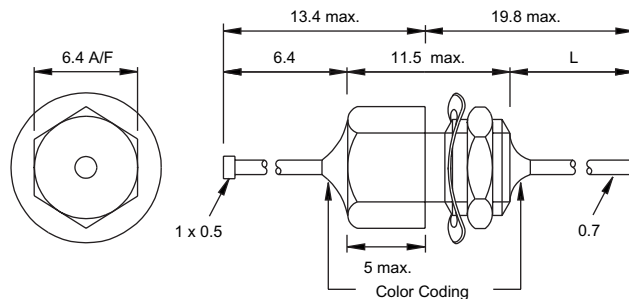
Materials

Cases and nut: Brass, tin finish

Feedthrough terminations: Copper alloy, tin lead or silver finish.

Case Dimensions

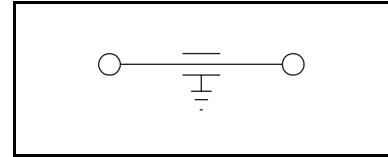
All dimensions in millimetres.



Lead length L = 6.4 [DLT/-/Ref 1 & DLTM/-/Ref 1]
27 [DLT/- & DLTM/-]

	DLT/-, DLT/-/Ref 1	DLTM/-, DLTM/-/Ref 1
Thread	2 BA	M5 × 0.8
Mounting Hole	5.1 mm	
Mounting Torque	0.35 Nm	
Chassis Thickness	1.2 - 1.6 mm	
Minimum Pitch (with nut)	8 mm	
Minimum Pitch (without nut)	8 mm	

Circuit Diagram



Voltage Rating

	-40 to 85°C	+100°C
DLT/100000	50 V d.c.	25 V d.c.
All others	100 V d.c.	50 V d.c.

Linearly derate between 85°C and 100°C

For Test Conditions see page 63

Characteristics

Part Number	Cap. (pF) (-20% +80%)	Current Rating (A d.c.)	Typical Insertion Loss (dB) (50 Ω system)					Color Code (hex end/thread end)
			0.1 MHz	1 Mhz	10 MHz	100 MHz	1 GHz	
DLT/22	22	10	-	-	-	3	15	BLACK/WHITE
DLT/47	47	10	-	-	-	5	20	YELLOW/WHITE
DLT/100	100	10	-	-	-	8	28	WHITE/WHITE
DLT/330	330	10	-	-	2	18	34	GREEN/WHITE
DLT/470	470	10	-	-	3	20	40	ORANGE/WHITE
DLT/680	680	10	-	-	4	22	40	GREY/WHITE
DLT/1000	1000	10	-	-	9	27	40	BROWN/WHITE
DLT/4700	4700	10	-	3	20	38	53	RED/WHITE
DLT/10000	10000	10	1	8	27	44	63	BLUE/WHITE
DLT/47000	47000	10	4	20	41	45	74	LIGHT BLUE/WHITE
DLT/100000	100000	10	2	25	45	57	75	LIGHT BROWN/WHITE

These Characteristics also apply to DLT/-/Ref 1, DLTM/- and DLTM/-/Ref 1