

# Miniature Threaded L Circuit Filters

**DLT**

### Ordering Information

e.g. **DLT200A**

Blank - UNF thread  
M - Metric thread

Blank - Standard thread  
L - Long thread

Blank - Standard tag  
P - Pin

Blank - No special conditioning  
Bu - Standard burn in  
Bx - Burn in to cust. req.

Blank - Wavy washer & nut  
T - Toothed washer & nut  
N - No hardware

Blank - Tin finish  
G - Gold  
S - Silver

**Environmental Classification** 55/125/56 Hermetic

For Test Conditions see page 63

### Case Dimensions

All dimensions maximum unless otherwise stated, in millimetres.

### Circuit Diagrams

**DLT 215 Series**

**DLT 051B/DLT 200 Series**

### Voltage Rating

-55°C to +85°C	-55°C to +125°C
80 V d.c.	50 V d.c.

	L1	Tag L3	Pin L3	D1 Case Dia.	Thread		F max	L2		Tag L4		Pin L4		Tag Hole	Pin Dia	Mounting Style*	Max. Panel Thickness	
					UNF 2A	Metric		Std.	Long	Std.	Long	Std.	Long				Std.	Long
DLT200/215	14.7	18.8	27	9.78	1/4"-28	M6 x 0.75	5.08	4.83	7.92	8.9	12.0	17.2	20.3	1.27 x 1.78	1.55	B or C	1.5	3
DLT051B	4.6	8.5	17															

\* See page 58 for mounting details

## Characteristics

Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	Min IR (MΩ)	Min. Insertion Loss (db) at No Load Current -55°C to +125°C							
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz	
DLT051B*	15.0	3.0	1.2	0.008	100	15	24	28	34	44	60	70	
DLT200A	0.06	8	1.2	70	100	44	65	70	70	70	70	70	
DLT215A	0.06	8	1.2	70	100	44	65	70	70	70	70	70	
DLT200B	0.15	8	1.2	12	100	24	45	52	64	70	70	70	
DLT215B	0.15	8	1.2	12	100	24	45	52	64	70	70	70	
DLT200C	0.25	8	1.2	4	100	18	35	42	56	70	70	70	
DLT215C	0.25	8	1.2	4	100	18	35	42	56	70	70	70	
DLT200D	0.3	8	1.2	2.3	100	16	28	35	44	62	70	70	
DLT215D	0.3	8	1.2	2.3	100	16	28	35	44	62	70	70	
DLT200E	0.45	8	1.2	1.2	100	15	25	31	37	55	70	70	
DLT215E	0.45	8	1.2	1.2	100	15	25	31	37	55	70	70	
DLT200F	10	8	1.2	0.01	100	15	24	28	33	44	64	70	
DLT215F	10	8	1.2	0.01	100	15	24	28	33	44	64	70	

\* DLT051B Insertion loss at full load current