

Panel Mounted L Circuit Filters

DLT

Ordering Information

e.g. **DLT326PR**

Blank - UNF thread
M- Metric thread

Blank - Standard thread
M- Long thread

Blank - Standard pin
P1-P6- Consult factory

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

Circuit Diagrams

For Test Conditions see page 59

Environmental Classification 55/125/56 Hermetic

Case Dimensions

All dimensions maximum unless otherwise stated, in mm.

Voltage Rating

DLT# _ _ _ _			
#	-55°C to +85°C V d.c.	-55°C to +125°C V d.c.	-55°C to +125°C V a.c. 400 Hz
3	80	70	50
4	100	87	62
5	150	130	90
6	200	175	125
7	300	260	185

DLT _ # # _ _										
#	D1	L1	L3	L2		L4		Mounting Style	Max Panel Thickness	
				Std.	Long	Std.	Long		Std	Long
25	9.78	4.6	8.25	4.83	7.95	8.9	12	B or C	1.5	3.0
26	9.78	6.0	10.1	4.83	7.95	8.9	12	B or C	1.5	3.0

Characteristics

Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	Min IR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C							
						15 kHz	30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DLT326PR	15.0	2.5	1.4	0.005	100	-	15	25	27	34	44	54	70
DLT425PR	15.0	2.5	0.7	0.005	500	-	9	20	23	29	39	52	70
DLT426PR	15.0	2.5	0.7	0.005	500	-	9	19	23	28	38	52	65
DLT526PR	15.0	2.5	0.3	0.005	1000	-	4	12	16	21	31	48	70
DLT626PR	15.0	2.5	0.1	0.005	1000	-	-	5	8	13	23	38	60
DLT726PR	15.0	2.5	0.15	0.005	1000	-	-	7	10	15	25	40	50
DLT826PR	15.0	2.5	0.02	0.005	1000	-	-	-	-	-	9	23	45
DLT926PR	15.0	2.5	0.02	0.005	1000	-	-	-	-	-	5	19	40
DLT050B*	15.0	2.5	1.2	0.008	100	-	15	25	28	34	44	60	70

*Voltage 80V/85°C, 50V/125°C. Insertion loss at 25°C only. Case dimensions as case size 25.

Panel Mounted Pi Circuit Filters

DPT

Ordering Information

e.g. **DPT643H**

Blank - UNF thread
M - Metric thread

Blank - Standard thread
M - 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

Circuit Diagram

Environmental Classification

55/125/56 Hermetic

For Test Conditions see page 59

Case Dimensions

All dimensions maximum unless otherwise stated, in mm.

Tag Style

Thread

Pin Style

Voltage Rating

DPT# _ _ _ _			
#	-55°C to +85°C V d.c.	-55°C to +125°C V d.c.	-55°C to +125°C V a.c. 400 Hz
3	80	70	50
4	100	87	62
5	150	130	90
6	200	175	125
7	300	260	185
8	450	400	280
9	600	530	375

DPT _ # # _ _								Max Panel Thickness
#	D1	L1	Tag L3	Pin L3	Mounting Style	Std. Thread	Long Thread	
31	9.78	14.7	18.9	27.2	B or C	1.5	3.0	
33	9.78	16.3	20.4	28.7	B or C	1.5	3.0	
43	17.53	24.85	30.1	36.8	B or C	3.0	—	

D1 Case Dia.	Thread		F	L2		Tag L4		Pin L4		Tag Hole	Pin Dia
	UNF 2A	Metric		Std.	Long	Std.	Long	Std.	Long		
9.78	¼"-28	M6x0.75	5.08	4.83	7.92	8.9	12.0	17.2	20.3	1.27x1.78	1.55
17.53	5/16"-24	M8x1.0	6.35	8.0	—	14	—	20	—	1.45x3.0	2.15

Characteristics

Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	Min IR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C						
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DPT333G	0.5	8.5	2.8	0.6	50	34	66	76	80	80	80	80
DPT333H	1.0	8.5	2.8	0.25	50	22	58	68	80	80	80	80
DPT333K	3.0	8.5	2.8	0.06	50	-	40	50	70	80	80	80
DPT333M	5.0	8.5	2.8	0.015	50	-	14	33	60	80	80	80
DPT333N	10.0	8.5	2.8	0.005	50	21	30	30	40	50	68	80
DPT431B	0.1	8.5	1.4	1.7	250	34	67	72	80	80	80	80
DPT431E	0.3	8.5	1.4	0.75	250	29	60	70	80	80	80	80
DPT431G	0.5	8.5	1.4	0.36	250	21	54	67	78	80	80	80
DPT431H	1.0	8.5	1.4	0.14	250	-	39	56	69	80	80	80
DPT431J	2.0	8.5	1.4	0.07	250	-	31	45	63	80	80	80
DPT431M	5.0	8.5	1.4	0.015	250	-	-	-	50	80	80	80
DPT433G	0.5	8.5	1.4	0.6	250	23	57	65	80	80	80	80
DPT433H	1.0	8.5	1.4	0.25	250	3	47	55	75	80	80	80
DPT433K	3.0	8.5	1.4	0.06	250	10	25	40	58	80	80	80

Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	Min IR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C						
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DPT433M	5.0	8.5	1.4	0.015	250	14	-	-	44	75	80	80
DPT433N	10.0	8.5	1.4	0.005	250	15	22	25	20	44	62	80
DPT533G	0.5	8.5	0.66	0.6	500	6	39	50	68	80	80	80
DPT533H	1.0	8.5	0.66	0.25	500	-	28	40	59	80	80	80
DPT533K	3.0	8.5	0.66	0.06	500	-	5	20	41	75	80	80
DPT533M	5.0	8.5	0.66	0.015	500	-	-	-	26	63	80	80
DPT533N	10.0	8.5	0.66	0.005	500	8	12	18	27	38	58	80
DPT633G	0.5	8.5	0.2	0.6	500	-	21	35	49	80	80	80
DPT633H	1.0	8.5	0.2	0.25	500	-	5	17	39	70	80	80
DPT633K	3.0	8.5	0.2	0.06	500	-	-	-	18	53	80	80
DPT633M	5.0	8.5	0.2	0.015	500	-	-	-	-	43	80	80
DPT633N	10.0	8.5	0.2	0.005	500	-	9	12	18	28	45	75
DPT733G	0.5	8.5	0.12	0.6	500	-	7	15	25	54	80	80
DPT733H	1.0	8.5	0.12	0.25	500	-	-	-	13	45	80	80
DPT733K	3.0	8.5	0.12	0.06	500	-	-	-	-	27	80	80
DPT733M	5.0	8.5	0.12	0.015	500	-	-	-	-	10	70	80
DPT733N	10.0	8.5	0.12	0.005	500	-	-	-	5	14	34	80
DPT833G	0.5	8.5	0.04	2.0	500	-	5	11	26	57	80	80
DPT833H	1.0	8.5	0.04	0.5	500	-	-	-	16	46	80	80
DPT833K	3.0	8.5	0.04	0.05	500	-	-	-	-	29	76	80
DPT833M	5.0	8.5	0.04	0.02	500	-	-	-	-	13	65	80
DPT833N	10.0	8.5	0.04	0.005	500	-	-	-	-	12	51	80
DPT933G	0.5	8.5	0.02	2.0	500	-	3	8	20	48	79	80
DPT933H	1.0	8.5	0.02	0.5	500	-	-	-	9	38	80	80
DPT933K	3.0	8.5	0.02	0.05	500	-	-	-	-	30	78	80
DPT933M	5.0	8.5	0.02	0.02	500	-	-	-	-	5	57	80
DPT933N	10.0	8.5	0.02	0.005	500	-	-	-	-	8	43	80
DPT933G2	0.5	8.5	0.01	2.0	1000	-	3	6	13	33	62	80
DPT933H2	1.0	8.5	0.01	0.5	1000	-	-	-	4	22	66	80
DPT933K2	3.0	8.5	0.01	0.05	1000	-	-	-	-	4	58	80
DPT933M2	5.0	8.5	0.01	0.02	1000	-	-	-	-	-	46	80
DPT933N2	10.0	8.5	0.01	0.005	1000	-	-	-	-	-	31	80
DPT343G	0.5	21	3.0	0.3	100	35	70	70	70	70	70	70
DPT343H	1.0	21	3.0	0.21	100	33	65	70	70	70	70	70
DPT343K	3.0	21	3.0	0.03	100	-	45	55	65	70	70	70
DPT343M	5.0	21	3.0	0.03	100	-	40	52	68	70	70	70
DPT343N	10.0	21	3.0	0.005	100	-	12	20	50	70	70	70
DPT543G	0.5	21	2.1	0.3	150	34	65	75	80	80	80	80
DPT543H	1.0	21	2.1	0.21	150	27	60	69	80	80	80	80
DPT543H1	1.0	21	2.8	0.21	100	35	68	-	80	80	80	80
DPT543K	3.0	21	2.1	0.03	150	12	36	48	66	80	80	80
DPT543M	5.0	21	1.4	0.02	260	9	12	35	57	80	80	80
DPT543M1	5.0	21	2.8	0.007	200	-	26	-	63	80	80	80
DPT543N	10.0	21	2.1	0.005	150	18	21	17	36	70	80	80
DPT643G	0.5	21	0.9	0.3	250	18	51	61	78	80	80	80
DPT643H	1.0	21	0.9	0.21	250	12	48	57	76	80	80	80
DPT643K	3.0	21	0.9	0.03	250	7	23	36	55	80	80	80
DPT643M	5.0	21	0.9	0.02	250	-	8	17	43	73	80	80
DPT643N	10.0	21	1.5	0.005	100	14	15	17	33	68	70	70
DPT743G	0.5	21	0.5	0.3	500	8	41	52	68	80	80	80
DPT743H	1.0	21	0.5	0.21	500	-	38	49	67	70	70	70
DPT743K	3.0	21	0.5	0.03	500	4	6	20	42	72	80	80
DPT743M	5.0	21	0.5	0.02	500	-	-	6	32	65	70	70
DPT743N	10.0	21	0.5	0.005	500	5	12	14	12	46	80	80
DPT843G	0.5	22	0.21	0.3	1000	-	30	41	58	70	70	70
DPT843H	1.0	22	0.21	0.25	1000	-	27	38	56	80	80	80
DPT843H1	1.0	22	0.5	0.25	500	-	38	49	67	70	70	70
DPT843K	3.0	22	0.21	0.03	1000	-	-	6	27	60	70	70
DPT843M	5.0	22	0.21	0.01	1000	-	7	8	15	51	70	70
DPT843N	10.0	22	0.21	0.005	1000	-	9	12	14	39	70	70

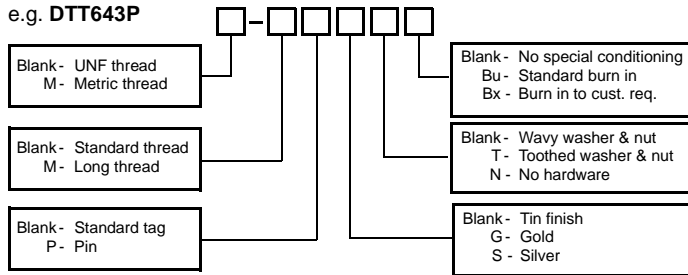
Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	Min IR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C						
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DPT943G	0.5	22	0.14	0.3	800	-	21	31	48	70	70	70
DPT943H	1.0	22	0.14	0.21	800	-	15	25	43	70	70	70
DPT943K	3.0	22	0.14	0.03	800	-	-	-	20	52	70	70
DPT943M	5.0	22	0.14	0.01	800	-	-	-	6	44	70	70
DPT943N	10.0	22	0.14	0.005	800	-	-	6	11	25	70	70

Panel Mounted T Circuit Filters

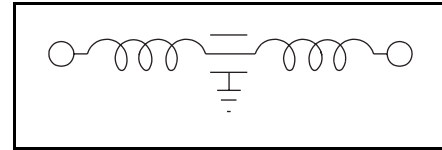
DTT

Ordering Information

e.g. DTT643P



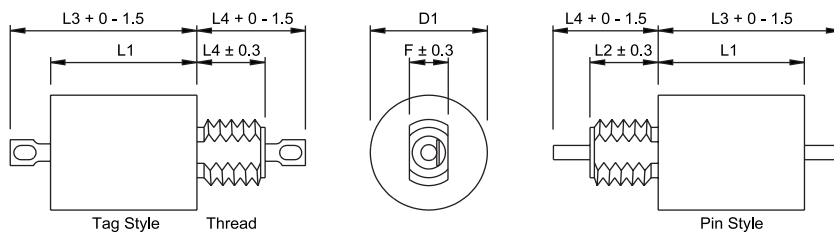
Circuit Diagram



Environmental Classification 55/125/56 Hermetic

Case Dimensions

All dimensions maximum unless otherwise stated, in mm.



Voltage Rating

DTT# _ _ _ _			
#	-55°C to +85°C V d.c.	-55°C to +125°C V d.c.	-55°C to +125°C V a.c. 400 Hz
3	80	70	50
4	100	87	62
5	150	130	90
6	200	175	125
7	300	260	185
8	450	400	280
9	600	530	375

For Test Conditions see page 59

DTT _ # # _ _						Max. Panel Thickness	
# #	D1	L1	Tag L3	Pin L3	Mounting Style	Std. Thread	Long Thread
34	9.78	26.0	30.1	38.4	B or C	1.5	3.0
43	17.53	24.85	30.1	36.8	B or C	3.0	—

D1 Case Dia.	Thread		F	L2		Tag L4		Pin L4		Tag Hole	Pin Dia.
	UNF 2A	Metric		Std.	Long	Std.	Long	Std.	Long		
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
17.53	5/16"-24	M8 x 1.0	6.35	8.0	—	14	—	20	—	1.45 x 3.0	2.15

Characteristics

Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	Min IR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C						
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DTT334H	1.0	10	1.4	0.5	100	16	32	40	57	75	75	75
DTT334J	2.0	10	1.4	0.09	100	15	26	31	37	61	75	75
DTT334L	4.0	10	1.4	0.03	100	15	25	29	34	47	75	75
DTT334N	10.0	10	1.4	0.005	100	15	25	28	34	44	60	75
DTT434H	1.0	10	0.75	0.5	1000	10	25	34	49	75	75	75
DTT434J	2.0	10	0.75	0.09	1000	10	19	25	32	56	75	75
DTT434L	4.0	10	0.75	0.03	1000	10	19	22	29	42	75	75
DTT434N	10.0	10	0.75	0.005	1000	9	19	22	28	39	58	75
DTT534H	1.0	10	0.6	0.5	400	10	24	32	47	70	75	75
DTT534J	2.0	10	0.6	0.09	400	9	20	25	34	57	80	80
DTT534L	4.0	10	0.6	0.025	400	9	19	21	27	39	70	75
DTT534N	10.0	10	0.33	0.005	1000	5	14	16	21	31	54	75
DTT634H	1.0	10	0.18	0.5	500	-	16	21	38	65	75	75
DTT634J	2.0	10	0.1	0.09	1000	-	-	9	14	34	75	75
DTT634J1	2.0	10	0.2	0.09	1000	-	11	17	29	57	75	75

Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	Min IR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C						
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DTT634L	4.0	10	0.18	0.025	500	-	9	11	17	30	75	75
DTT634N	10.0	10	0.1	0.005	1000	-	5	8	11	21	41	75
DTT734H	1.0	10	0.12	0.5	500	-	11	20	36	66	75	75
DTT734J	2.0	10	0.12	0.09	500	-	6	10	18	41	75	75
DTT734L	4.0	10	0.12	0.03	500	-	6	9	15	27	62	75
DTT734N	10.0	10	0.12	0.005	500	-	6	9	15	25	45	75
DTT834H	1.0	10	0.04	0.5	500	-	-	-	16	46	80	80
DTT834J	2.0	10	0.04	0.1	500	-	-	-	14	42	75	80
DTT834L	4.0	10	0.04	0.03	500	-	-	-	5	19	60	75
DTT834N	10.0	10	0.04	0.005	500	-	-	-	5	15	39	75
DTT934H	1.0	10	0.02	0.5	500	-	-	-	20	51	75	75
DTT934J	2.0	10	0.02	0.1	500	-	-	-	2	22	68	75
DTT934L	4.0	10	0.02	0.03	500	-	-	-	2	12	48	75
DTT934N	10.0	10	0.02	0.005	500	-	-	-	2	11	31	75
DTT934H1	1.0	10	0.008	0.5	1000	-	-	-	6	40	75	75
DTT934J1	2.0	10	0.008	0.1	1000	-	-	-	-	17	71	75
DTT934L1	4.0	10	0.008	0.03	1000	-	-	-	-	3	43	75
DTT934N1	10.0	10	0.008	0.005	1000	-	-	-	-	-	23	75
DTT934H2	1.0	10	0.01	0.5	1000	-	-	-	7	42	75	75
DTT934J2	2.0	10	0.01	0.1	1000	-	-	-	-	19	74	75
DTT934L2	4.0	10	0.01	0.03	1000	-	-	-	-	4	45	75
DTT934N2	10.0	10	0.01	0.005	1000	-	-	-	-	3	26	75
DTT343H	1.0	21	3.0	0.42	100	26	51	60	70	70	70	70
DTT343J	2.0	21	3.0	0.21	100	21	37	45	60	70	70	70
DTT343K	3.0	21	3.0	0.06	100	20	32	36	46	65	70	70
DTT343L	4.0	21	3.0	0.045	100	20	31	35	44	63	70	70
DTT343M	5.0	21	3.0	0.06	100	21	32	36	44	64	70	70
DTT543H	1.0	21	1.4	0.42	300	21	49	59	75	75	75	75
DTT543H1	1.0	21	0.7	0.5	1000	14	42	52	69	75	75	75
DTT543J	2.0	21	1.4	0.21	300	14	30	38	53	70	70	70
DTT543J1	2.0	21	0.7	0.09	1000	9	21	30	38	66	75	75
DTT543K	3.0	21	1.4	0.06	300	13	24	29	39	64	70	70
DTT543L	4.0	21	1.4	0.06	300	13	24	28	37	59	70	70
DTT543M	5.0	21	1.4	0.04	300	14	24	28	34	48	75	75
DTT543N	10.0	21	1.4	0.01	500	14	24	28	34	44	60	75
DTT543N1	10.0	21	0.7	0.01	1000	9	19	22	29	39	58	75
DTT643H	1.0	21	0.45	0.42	500	10	38	49	67	70	70	70
DTT643J	2.0	21	0.45	0.21	500	4	20	28	45	70	70	70
DTT643K	3.0	21	0.8	0.60	250	9	20	25	35	60	70	70
DTT643L	4.0	21	0.45	0.03	500	5	14	18	26	40	70	70
DTT643M	5.0	21	0.80	0.02	250	9	19	23	30	45	70	70
DTT643N	10.0	21	0.45	0.01	500	5	15	19	24	35	50	75
DTT743H	1.0	22	0.25	0.42	1000	3	30	41	57	75	75	75
DTT743J	2.0	22	0.25	0.21	1000	-	15	23	39	68	70	70
DTT743K	3.0	22	0.25	0.06	1000	-	10	15	25	50	70	70
DTT743K1	3.0	22	0.28	0.06	1000	2	12	17	30	57	80	80
DTT743L	4.0	22	0.25	0.03	1000	-	9	13	20	38	70	70
DTT743M	5.0	22	0.25	0.04	1000	2	10	13	19	35	75	75
DTT743N	10.0	22	0.25	0.01	1000	-	12	14	19	30	54	75
DTT843H	1.0	22	0.12	0.42	1000	-	27	37	56	70	75	75
DTT843J	2.0	22	0.12	0.21	1000	-	8	16	33	60	70	70
DTT843K	3.0	22	0.12	0.06	1000	-	4	8	18	44	70	70
DTT843L	4.0	22	0.12	0.03	1000	-	4	7	14	33	70	70
DTT843M	5.0	22	0.12	0.02	1000	-	4	7	13	29	70	70
DTT843N	10.0	22	0.1	0.01	1000	-	6	7	12	23	40	75
DTT943H	1.0	22	0.07	0.42	1200	-	17	28	46	70	70	70
DTT943J	2.0	22	0.07	0.21	1200	-	-	10	27	57	70	70
DTT943K	3.0	22	0.07	0.06	1200	-	-	3	13	39	70	70
DTT943L	4.0	22	0.07	0.03	1200	-	-	-	11	34	70	70
DTT943M	5.0	22	0.07	0.02	1200	-	-	-	8	19	52	70

Panel Mounted Twin T and Twin Pi Filters

DXT, DYT

Ordering Information

e.g. DXT645H

Blank - UNF thread
M - Metric thread

Blank - Standard thread
M - Long thread

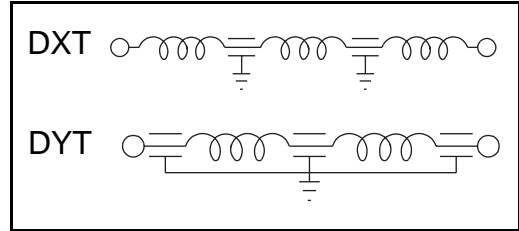
Blank - Standard tag
P - Pin

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

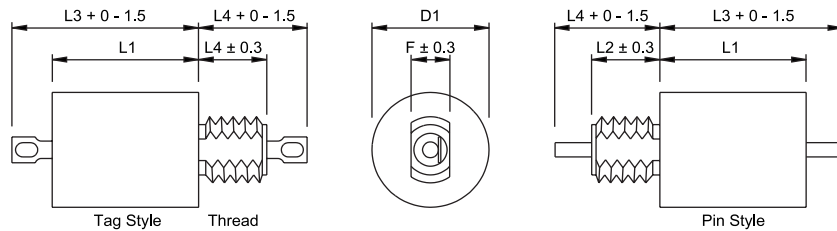
Circuit Diagram



Environmental Classification 55/125/56 Hermetic

Case Dimensions

All dimensions maximum unless otherwise stated, in mm.



Voltage Rating

D_T# _ _ _ _			
#	-55°C to +85°C V d.c.	-55°C to +125°C V d.c.	-55°C to +125°C V a.c. 400 Hz
3	80	70	50
5	150	130	90
6	200	175	125
7	300	260	185
8	450	400	280
9	600	530	375

For Test Conditions see page 59

D_T_#_#_ _						Max. Panel Thickness	
# #	D1	L1	Tag L3	Pin L3	Mounting Style	Std. Thread	Long Thread
34	9.78	26.0	30.1	38.4	B or C	1.5	3.0
35	9.78	30.2	34.3	42.6	B or C	3.0	3.0
44	17.53	34.15	39.2	46.1	B or C	3.0	—
45	17.53	39.25	44.3	51.2	B or C	3.0	—

D1 Case Dia.	Thread		F	L2		Tag L4		Pin L4		Tag Hole	Pin Dia.
	UNF 2A	Metric		Std.	Long	Std.	Long	Std.	Long		
9.78	¼"-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
17.53	5/16"-24	M8 x 1.0	6.35	8.0	—	14	—	20	—	1.45 x 3.0	2.15

Characteristics

Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	MinIR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C						
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DXT635H	1.0	15	0.18	0.6	500	-	-	19	48	90	90	90
DXT635L	4.0	15	0.18	0.05	500	-	-	-	-	42	90	90
DXT345H	1.0	30	3.0	0.42	100	35	70	70	70	70	70	70
DXT345L	4.0	30	3.0	0.045	100	10	42	55	70	70	70	70
DXT545H	1.0	30	2.1	0.63	150	35	70	70	70	70	70	70
DXT545L	4.0	30	2.1	0.06	150	-	36	50	65	70	70	70
DXT645H	1.0	30	1.5	0.63	100	23	65	70	70	70	70	70
DXT745H	1.0	30	0.5	0.63	500	-	49	66	90	90	90	90
DXT745L	4.0	30	0.5	0.05	500	3	9	5	28	68	90	90
DXT845H	1.0	30	0.21	0.63	500	-	33	49	80	80	80	80
DXT845L	4.0	30	0.21	0.045	500	-	-	-	22	60	70	70
DXT945H	1.0	30	0.14	0.42	800	-	6	18	43	70	70	70
DXT945L	4.0	30	0.14	0.045	800	-	-	-	8	50	70	70
DYT534H	1.0	13	0.9	0.5	250	-	-	63	90	90	90	90
DYT534L	4.0	13	0.9	0.025	250	-	-	-	21	85	90	90
DYT344H	1.0	28	4.0	0.42	100	45	70	70	70	70	70	70
DYT344M	5.0	28	4.0	0.06	100	6	45	65	70	70	70	70



Part Number	Rated Current (Amps)	Typical Weight (g)	Min. Cap. (µF)	Max Series R (Ω)	MinIR (MΩ)	Min. Insertion Loss (db) at Full Load Current -55°C to +125°C						
						30 kHz	100 kHz	150 kHz	300 kHz	1 MHz	10 MHz	1 GHz
DYT544H	1.0	28	2.1	0.42	140	34	90	90	90	90	90	90
DYT544M	5.0	28	2.1	0.04	170	9	15	28	70	90	90	90
DYT644H	1.0	28	1.5	0.42	100	22	70	70	70	70	70	70
DYT744H	1.0	28	0.5	0.42	500	-	3	27	60	70	70	70
DYT744M	5.0	30	0.25	0.04	500	-	-	-	25	70	70	70
DYT844H	1.0	28	0.21	0.42	500	-	33	50	70	70	70	70
DYT844M	5.0	28	0.21	0.02	500	-	4	4	8	60	70	70
DYT944H	1.0	28	0.21	0.42	500	-	10	32	65	70	70	70
DYT944M	5.0	28	0.21	0.03	400	-	-	-	6	33	70	70

Panel Mounted Multiway L and C Circuit Filters

MLT

Ordering Information

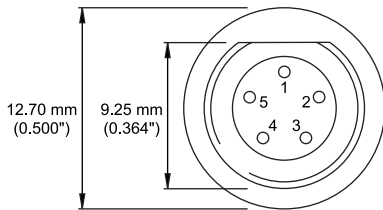
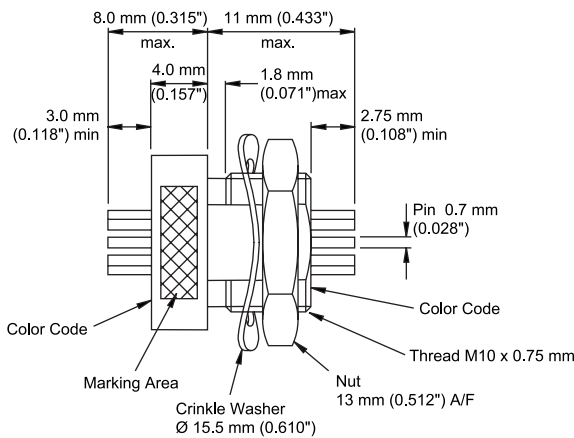
Please state Part Number and quantity.
Nut and washer supplied as standard.

Materials

Case and nut: Brass, silver finish
Feedthrough terminations: Copper alloy, tin lead or silver finish.

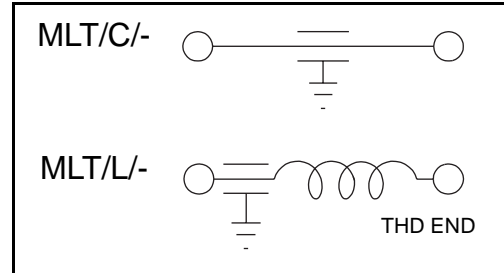
Case Dimensions

All dimensions in mm (inches).



Pin Number	Position			
	X		Y	
	mm	in.	mm	in.
1	0.000	0.000	2.286	0.090
2	1.981	0.078	1.143	0.045
3	1.143	0.045	-1.981	-0.078
4	1.143	0.045	-1.981	-0.078
5	-1.981	-0.078	1.143	0.045

Circuit Diagram



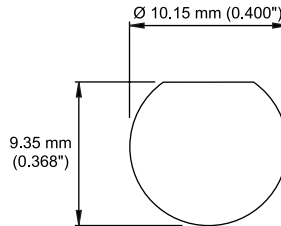
Voltage Rating

-55°C to +85°C.	+125°C
200 V d.c.	100 V d.c.

Linearly derate between 85°C and 125°C

Thread	M10 x 0.75
Min. Pitch	14.60 mm (0.575")
Min. Chassis Thickness	2.25 mm (0.089")
Max Chassis Thickness	5.0 mm (0.197")

Mounting Details



For Test Conditions see page 59

Characteristics (Each Line)

Part Number	Cap. (pF) (-20% +80%)	Single Line Current Rating (A d.c.)	Bunched Current Rating (A d.c.)	Typical Insertion Loss (dB) (50 Ω system)					Color Code* Top/Threaded end	Code/ Color* marking
				1 MHz	10 MHz	100 MHz	1 GHz	10 GHz		
MLT/C/330/5	330	10	5	—	2	18	35	60	Green/White	OX C3 30
MLT/C/680/5	680	10	5	1	4	22	35	70	Grey/White	OX C6 80
MLT/C/1000/5	1000	10	5	1	9	26	40	70	Brown/White	OX C1 n0
MLT/C/4700/5	4700	10	5	3	20	36	50	70	Red/White	OX C4 n7
MLT/C/10000/5	10000	10	5	8	27	44	63	70	Black/White	OX C1 0n
MLT/C/22000/5	22000	10	5	12	30	50	68	70	Blue/White	OX C2 2n
MLT/L/330/5	330	10	5	—	2	20	38	60	Green/Red	OX L3 30
MLT/L/680/5	680	10	5	1	4	24	38	70	Grey/Red	OX L6 80
MLT/L/1000/5	1000	10	5	1	9	28	43	70	Brown/Red	OX L1 n0
MLT/L/4700/5	4700	10	5	3	21	38	56	70	Red/Red	OX L4 n7
MLT/L/10000/5	10000	10	5	8	28	48	70	70	Black/Red	OX L1 0n
MLT/L/22000/5	22000	10	5	12	31	54	70	70	Blue/Red	OX L2 2n

* Color code at manufacturer's discretion.

