

POWER INDUCTORS SHIELDED-THT PART A



SERIES	TTIB0704	T26-0803	TTIC0704	TTID1305	TTID0803	TTIB1106	TTIB1005	TTID1104	TTIF1003	TTIB1104	T4460HT	HW10	TTIB1305	TTIC1305	T53-1305	TTIF1305
MAXIMUM DIMENSIONS (mm)																
L	9.7	10.7	9.7	16.5	11.7	16.5	13.7	16.8	14.7	16.5	16.5	11.0	18.3	18.5	16.0	18.8
W	7.1	6.4	8.0	9.5	7.1	12.5	8.4	10.2	8.9	8.9	10.2	11.0	11.2	10.2	7.8	11.7
H	7.1	10.7	9.7	15.2	10.4	14.7	12.5	16.0	13.2	15.2	15.2	7.5	16.5	14.0	15.2	16.5
ENERGY STORAGE LIMITS (μJ)**	30	35	40	85	90	100	110	130	170	185	200	200	220	242	235	285
L (μH)	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps)** DCR (mΩ)]															
0.13	T02521 [23.00 1]															
0.18	T02501 [18.00 1.45]															
0.28	HW1001 [17.90 1.2]															
0.33	T02507 [13.00 2.6]															
0.47	T04A10 [21.00 0.98] T04410 [20.00 1.50]															
0.56	T02508 [12.00 3] T50004 [18.00 3]															
0.60	T03806 [18.00 1.32]															
0.65	T50049 [25.00 1.23] T50A49 [25.00 1.25]															
0.75	T04405 [18.00 1.92]															
0.86	T02509 [12.00 4.2]															
0.91	T04409 [8.00 4] T04L09 [8.00 4]															
1.0	T04408 [15.00 2.2]															
1.1	T03004 [4.00 3.5]															
1.2	T03003 [12.00 2.65] T03L03 [12.00 2.65]															
1.3	T04427 [22.50 2.4]															
1.5	T04407 [12.00 1.6]															
1.7	T02604 [9.00 10.6] T026L4 [9.00 10.6]															
1.9	T50050 [18.00 3.25]															
2.2	T03812 [11.50 8.5]															
2.5	T04414 [12.5 4] T04438 [15.00 3] T04L38 [15.00 3]															
2.8	T04424 [14.00 5.1]															
3.0	T03009 [9.00 12.8]															
3.3	T03813 [6.00 12.6]															
3.5	T04428 [10.00 10.2]															
4.1	T03011 [6.40 23.4]															
4.4	T02504 [3.00 33.0]															
4.7	T03811 [6.80 22.2]															
5.2	T04418 [6.80 15]															
5.8	T50024 [8.00 8.7] T50055 [7.50 12.66]															
6.3	T04421 [8.00 15.6]															
6.8																
7.0																
7.8																
8.3																
9.2																
10	T04425 [8.00 20.2]															
33																

* The energy stored by the inductor before reaching saturation (1/2 LI²)
 ** The DC current which causes a temperature rise of 30, 40 or 50 °C

SERIES	TTID1806	TTIC1306	TTIB1506	TTIB1306	SPB1310	TTIB1309	TTID1310	TTID1306	T60HT	TTIC1506	TTID1506	TTIC1806
MAXIMUM DIMENSIONS (mm)												
L	22.8	18.0	22.9	19.0	14.0	17.8	17.0	19.0	18.0	21.1	20.7	22.9
W	12.9	11.4	12.7	11.9	14.0	13.5	14.0	12.5	9.8	13.1	10.5	14.0
H	21.8	18.0	20.3	16.5	10.0	16.0	15.2	18.0	18.0	20.3	19.2	21.6
ENERGY STORAGE LIMITS (µJ)**	310	320	370	380	400	460	465	480	740	740	795	1775
L (µH)	FALCO PART NUMBER [MAXIMUM ALLOWABLE CURRENT (Amps)** DCR (mW)]											
0.13												
0.18												
0.28												
0.33												
0.47												
0.56												
0.60												
0.65												
0.75												
0.86												
0.91												
1.0												
1.1												
1.2												
1.3												
1.5												
1.7												
1.9												
2.2												
2.5												
2.7												
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5.2												
5.8												
6.3												
6.8												
7.0												
7.8												
8.3												
9.2												
10												
33												

* The energy stored by the inductor before reaching saturation (1/2 LP)
 ** The DC current which causes a temperature rise of 30, 40 or 50 °C