

# 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

# POWER INDUCTORS SHIELDED-THT PART B



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												
2.8												
3.0												
3.3												
3.5												
4.1												
4.4												
4.7												
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