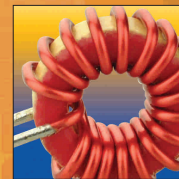


power
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POWER INDUCTOR Selector Guide

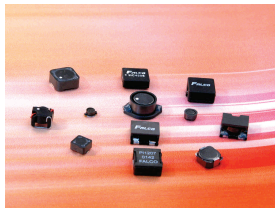


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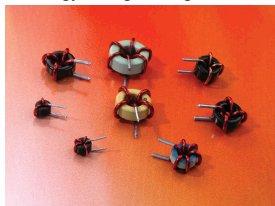
Inductor Types



POWER INDUCTOR SHIELDED – SMT

Shielded power inductors in several shapes and sizes with surface mount technology. The self-shielding construction method helps to reduce significantly the EMI versus unshielded parts. This family of part is used in graphic cards, power management in laptops/desktops, handheld equipment and backlighting saving devices.

- Shapes include toroidal, drum, EI and ER type
- Height varies from as low as 2.5 mm up to 7.5 mm nominal
- Inductance ranges from 0.330 micro henries to 10,000 micro henries
- Current range from 30.7 amps down to 20 milli amps of rated current
- Energy storage as high as 980 micro-Joules can be obtained is less than 1 cm³



POWER INDUCTOR SHIELDED – THT

Toroidal construction provide inherent self-shielding advantages and thus lowers EMI effects. The lower cost compared to shielded surface mount inductors makes them ideal for application where space is not the primary issue. Typical applications include desktop, workstations, servers and power supplies.

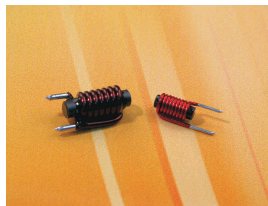
- Core sizes from 7 to 18 mm of outer diameter with different permeabilities
- Inductance values from 0.130 micro Henries to 10 micro Henries
- Current ranges from 4 to 50 amps
- Very high energy storage up to 1700 micro-Joules



POWER INDUCTOR UNSHIELDED – SMT

The most economical family of surface mount inductors with medium to high saturation currents up to 44 Amp. Applications include laptops, desktops, graphic cards, power management and handheld equipment.

- Core shapes include drum types from 2.9 mm to 8 mm heights
- Current ranges from 90 milli amps to 20 amps
- Inductance values from 0.33 mH to 2200 mH
- Energy storage of 500 micro Joules for 2 cm³



POWER INDUCTOR UNSHIELDED – THT

The cheapest inductor for power applications using slug or rod core types. The heavy wire construction allows current ratings up to 16 Amperes while magnetic open path length provides energy storages as high as 130 μ J. Higher current ratings and lower inductances are achievable using same core sizes. Typical inductance values of 1.0 μ H are used in new generation of power converters for use in desktops, workservers and workstations.

Free Sample Kits available on-line, see description o page 86.
Make your own assortment of parts on-line. We stock all items.

POWER INDUCTORS SHIELDED-SMT PART I

SERIES	SDSIE0403	SDSP0402	SQ5702	SD62	SDQIE0503	SDI7032	SDQIE0504	SDSP0804	SD64	T025	SQ1004	SDSP1306	SDQIE1005	
														
MAXIMUM DIMENSIONS (mm)	L 6.5 W 6.1 H 3.7	6.6 4.4 2.9	6.0 6.0 2.0	6.0 5.7 2.2	7.6 7.6 3.4	7.4 7.4 3.4	7.6 7.6 4.5	12.9 9.5 5.1	6.9 6.5 5.0	10.4 9.1 7.9	10.5 10.1 4.02	18.5 15.2 7.6	12.3 12.3 6.0	
ENERGY STORAGE LIMITS (μJ) *	2.5	5	8.5	9	15	18	18	20	25	25	80	80	150	
L (μH)	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mΩ)]													
0.33										T025A2 [12.00 3]				
0.47										T025M2 [6.00 2.3]			SD1012 [18.90 3]	
0.56														
0.68					SD0513 [5.50 7.9]									
0.75													SD1005 [16.00 4.2]	
0.91														
1.0		DS3003 [3.00 42]			SD0501 [5.00 11.3]			DS0801 [5.00 21]						
1.1														
1.5		DS3009 [2.80 45]						DS0802 [4.50 22]					SD1013 [11.00 6.6]	
1.9											SQ1010 [10.00 8]			
2.2		DS3010 [1.80 50]			SD0512 [4.58 22.8]			DS0803 [3.80 33]					SD1004 [10.20 7.8]	
2.5														
2.7											SQ1001 [7.50 10]			
2.8														
3.3		DS3011 [1.60 55]						DS0804 [3.30 40]					SD1009 [9.00 8.8]	
3.5											SQ1002 [6.00 15]			
4.1														
4.7		DS3012 [1.40 60]		SD5202 [1.63 62]				DS0805 [2.70 55]					SD1003 [8.30 10.6]	
5.2											SQ1003 [5.50 22]			SD1011 [7.80 12.6]
6.0														
6.8		DS3005 [1.20 65]						DS0806 [2.20 75]						
7.0											SQ1004 [4.80 28]			
7.8														
8.3														
10.0	SS0401 [1.00 140]	DS3006 [1.00 75]	SQ6203 [1.20 125]		SD0502 [1.65 91.6]		SD0703 [1.81 62.4]	DS0807 [2.00 100]			SQ1005 [4.00 35]	DS1301 [3.90 40]	SD1001 [5.20 23.3]	
12.0	SS0402 [0.94 160]				SD0503 [1.50 111.9]		SD0704 [1.69 66.2]						SD1014 [5.10 25.8]	

* 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-SMT PART II

SERIES	SDSIE0403	SDSP0402	SQ5702	SD82	SDQIE0503	SDI7032	SDQIE0504	SDSP0804	SD64	T025	SQ1004	SDSP1306	SDQIE1005	
														
MAXIMUM DIMENSIONS (mm)														
L	6.5	6.6	6.0	6.0	7.6	7.4	7.6	12.9	6.9	10.4	10.5	18.5	12.3	
W	6.1	4.4	6.0	5.7	7.6	7.4	7.6	9.5	6.5	9.1	10.1	15.2	12.3	
H	3.7	2.9	2.0	2.2	3.4	3.4	4.5	5.1	5.0	7.9	4.0	7.6	6.0	
ENERGY STORAGE LIMITS (μJ) *	2.5	5	8.5	9	15	18	18	20	25	25	80	80	150	
L (μH)	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mΩ)]													
12.5														
15	SS0403 [0.86 180]	DS3007 [0.80 90]	SQ6202 [0.97 190]	SD5201 [0.97 174]	SD0504 [1.31 148.5]		SD0705 [1.45 92.5]	DS0808 [1.50 150]			SQ1006 [3.50 53]	DS1302 [3.40 48]	SD1002 [4.10 35.4]	
18	SS0404 [0.76 250]				SD0505 [1.18 159.8]		SD0706 [1.29 103.9]						SD1010 [3.20 39.6]	
22	SS0405 [0.78 320]	DS3008 [0.70 110]	SQ6204 [0.80 290]		SD0506 [1.12 216.9]		SD0702 [1.21 125.6]	DS0809 [1.30 210]			SQ1007 [2.50 75]	DS1303 [3.10 60]	SD1015 [3.10 45.6]	
27	SS0406 [0.64 360]				SD0507 [0.98 239.8]		SD0707 [1.10 171.3]						SD1006 [2.90 58.8]	
33	SS0407 [0.61 410]	DS3013 [0.60 190]	SQ6205 [0.65 385]		SD0508 [0.89 274]		SD0708 [0.94 194.1]	DS0810 [1.10 335]				DS1304 [2.80 75]	SD1016 [2.80 66]	
39	SS0408 [0.53 470]				SD0509 [0.75 365.3]		SD0709 [0.89 262.6]						SD1017 [2.60 72]	
47	SS0409 [0.50 510]	DS3014 [0.50 230]	SQ6201 [0.54 590]		SD0510 [0.74 411]		SD0710 [0.86 296.8]	DS0811 [0.80 475]			SQ1011 [2.10 155]	DS1305 [2.40 100]	SD1008 [2.50 100]	
56	SS0410 [0.46 720]		SQ6206 [0.50 660]		SD0511 [0.65 536.5]		SD0701 [0.75 350]						SD1018 [2.20 128]	
68	SS0411 [0.42 820]	DS3015 [0.40 290]									SQ1008 [1.50 240]	DS1306 [2.00 140]	SD1007 [1.95 149]	
82													SD1019 [1.90 162]	
100		DS3016 [0.30 480]	SQ6207 [0.36 1200]			SD7002 [0.45 540]	SD0711 [0.6 610]	DS0812 [0.61 850]			SQ1009 [1.35 340]	DS1307 [1.70 206]	SD1020 [1.75 174]	
120													SD1021 [1.50 246]	
150		DS3017 [0.25 600]				SD7001 [0.37 780]						DS1308 [1.30 295]	SD1022 [1.45 274]	
180													SD1023 [1.20 360]	
220		DS3018 [0.22 770]										DS1309 [1.10 408]	SD1024 [1.10 408]	
270													SD1025 [0.95 473]	
330		DS3019 [0.20 1400]									SQ1013 [0.70 1100]	DS1310 [0.86 780]	SD1026 [0.9 623]	
390													SD1027 [0.82 846]	
470		DS3020 [0.19 1800]										DS1311 [0.73 1080]	SD1028 [0.77 950]	
560													SD1029 [0.7 1040]	
680		DS3021 [0.18 2200]										DS1312 [0.64 1400]	SD1030 [0.64 1440]	
820													SD1031 [0.60 1560]	
1000		DS3022 [0.15 3400]							SD6401 [0.14 9260]			DS1313 [0.53 2000]	SD1032 [0.55 1800]	
1500		DS3023 [0.12 4200]												
2200		DS3024 [0.10 8500]												
3300		DS3025 [0.08 11000]												
4700		DS3026 [0.06 14000]												
6800		DS3027 [0.04 25000]												
10000		DS3028 [0.02 33000]												

* 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-SMT PART III

SERIES	QPIP1205	HCER1206	HC1035	SDQIE1007	QPIH1205MP	QPIH1205	HCER1305	HCER1355	HC1235	HC1245	HC1255	HC1260	
													
MAXIMUM DIMENSIONS (mm)													
L	12.9	12.9	11.5	12.3	12.9	12.9	13.5	13.5	13.5	14.3	15.0	15.0	
W	12.8	12.9	10.2	12.3	12.8	12.8	13.5	13.5	13.5	13.0	13.0	13.0	
H	5.7	6.0	4.0	8.0	6.0	6.0	5.0	5.8	3.8	4.5	5.8	6.5	
ENERGY STORAGE LIMITS (μJ) *	150	200	250	250	300	350	500	530	530	755	800	980	
L (μH)	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mΩ)]												
0.33						P11302 [30.00 1.42]	ER1306 [30.70 0.6]						
0.47				SD1209 [23.50 3]									
0.56			HC1010 [15.00 1.76]			P11305 [25.00 1.5]	ER1307 [20.70 1.35]		HC1201 [19.50 1.42]	HC1205 [22.20 1.1]	HC1209 [26.60 0.96]	HC1213 [30.30 0.72]	
0.68													
0.75				SD1203 [19.80 4.2]		P11306 [20.00 2.2]	ER1308 [20.70 1.35]						
0.91													
1.0							ER1309 [15.60 2.35]						
1.1						P11307 [20.00 2.2]			HC1202 [14.70 2.64]				
1.5		ER1205 [16.50 2.50]		SD1207 [14.60 5.9]			ER1310 [15.60 2.35]						
1.9	P11206 [17.90 2.24]				P11401 [15 3.3]	P11311 [15.00 3.3]			HC1203 [10.80 4.9]				
2.2	P11201 [17.90 2.24]			SD1210 [12.30 7]		P11301 [14.00 4.2]	ER1311 [12.40 3.85]						
2.5	P11210 [14.20 3.3]					P11308 [14.00 4.2]							
2.7										HC1208 [10.20 5.1]			
2.8	P11214 [14.20 3.3]										HC1212 [12.90 3.65]		
3.3	P11211 [12.50 4.92]			SD1208 [10.10 7.9]			ER1312 [10.40 5.5]		HC1204 [9.05 6.7]				
3.5	P11203 [12.50 4.92]												
4.1	P11202 [14.20 3.3]												
4.7	P11213 [11.70 6.48]							ER1315 [11.5 5.3]					
5.2	P11215 [12.50 4.92]			SD1201 [8.30 9.5]		P11304 [10.50 8]	ER1305 [7.70 12]						
6.0				SD12L1 [8.30 9.5]									
6.8				SD1211 [8.00 11.3]									
7.0		ER1204 [7.50 8]											
7.8	P11205 [11.70 6.48]												
8.3				SD1237 [7.30 14.1]									
10.0	P11208 [10.50 8.64]												
12.0	P11207 [9.50 10.9]			SD1202 [6.40 20.1]						HC4505 [6.00 20]			
				SD1212 [5.60 23.2]									

* The energy stored by the inductor before reaching saturation (1/2 LF)

** The DC current which causes a temperature rise of 30, 40 or 50 °C

POWER INDUCTORS SHIELDED-SMT PART III

SERIES	QPIH1205	HCER1206	HC1035	SDQIE1007	QPIH1205MP	QPIH1205	HCER1305	HCER1355	HC1235	HC1245	HC1255	HC1260	
													
MAXIMUM DIMENSIONS (mm)													
L	12.9	12.9	11.5	12.3	12.9	12.9	13.5	13.5	13.5	14.3	15.0	15.0	
W	12.8	12.9	10.2	12.3	12.8	12.8	13.5	13.5	13.5	13.0	13.0	13.0	
H	5.7	6.0	4.0	8.0	6.0	6.0	5.0	5.8	3.8	4.5	5.8	6.5	
ENERGY STORAGE LIMITS (μJ) *	150	200	250	250	300	350	500	530	530	755	800	980	
L (μH)	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mΩ)]												
12.5	P11212												
	[9.00 13.3]												
15				SD1213									
				[4.98 31.9]									
18				SD1214									
				[4.16 35.6]									
22				SD1215									
				[3.98 41]									
27				SD1216									
				[3.75 52.9]									
33				SD1217									
				[3.40 59.4]									
39				SD1218									
				[3.20 64.8]									
47				SD1219									
				[3.00 90]									
56				SD1220									
				[2.66 115]									
68				SD1221									
				[2.35 134]									
82				SD1222									
				[2.00 146]									
100				SD1204									
				[1.96 156]									
120				SD1223									
				[1.80 221]									
150				SD1205									
				[1.55 246]									
180				SD1224									
				[1.50 324]									
220				SD1206									
				[1.30 367]									
270				SD1225									
				[1.20 425]									
330				SD1226									
				[1.00 580]									
390				SD1227									
				[0.95 761]									
470				SD1228									
				[0.92 855]									
560				SD1229									
				[0.80 936]									
680				SD1230									
				[0.70 1296]									
820				SD1231									
				[0.63 1404]									
1000				SD1232									
				[0.59 1620]									
1500													
2200													
3300													
4700													
6800													
10000													

* The energy stored by the inductor before reaching saturation (1/2 L I²)

** The DC current which causes a temperature rise of 30, 40 or 50 °C

POWER INDUCTORS UNHIELED-SMT PART I

SERIES	SDIP0302	SDIP0403	SDIP0802LP	SDIP0804LP	SDIP0804	SDIP0804C	SDIP0801LP	SDIP0811	SDIP1306LP	SDIP1306	SDIP1306HC	
												
MAXIMUM DIMENSIONS (mm)	L 6.6 W 4.4 H 2.9	L 8.9 W 6.7 H 5.0	L 13.5 W 9.5 H 3.0	L 13.5 W 9.5 H 5.2	L 13.5 W 10.1 H 6.0	L 13.9 W 10.3 H 6.0	L 13.5 W 9.5 H 11.7	L 13.5 W 10.1 H 12.7	L 18.6 W 15.2 H 7.1	L 20.3 W 15.2 H 8.4	L 22.3 W 16.2 H 8.0	
ENERGY STORAGE LIMITS (μJ) **	8	15	50	70	70	70	400	400	400	400	500	
L (μH)	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mΩ)]											
0.33					D08023 [17.00 2.4]	D08C23 [17.00 2.4]						
0.47											D13013 [19.20 1.9]	
0.56		D04004 [6.00 9.7]			D08004 [12.00 3.2]	D08C04 [12.00 3.2]						
0.75												
0.91												
1.0	D03005 [4.30 42]	D04011 [4.40 14] D04L11 [4.40 14]			D08003 [12.00 4.3]	D08C03 [12.00 4.3]				D13009 [20.00 3.3]	D13014 [17.00 2.6]	
1.1												
1.5	D03001 [3.50 50]	D04007 [4.20 22]		D08039 [12.00 5.5]	D08020 [12.00 5.5]	D08C20 [12.00 5.5]	D08043 [15.00 5.8]	D08046 [11.00 6.5]		D13003 [17.00 4.5]	D13015 [15.00 4]	
1.9												
2.2	D03006 [2.50 70]			D08038 [7.20 10.8]	D08005 [7.20 10.8] D08L05 [7.20 10.8]	D08C05 [7.20 10.8]	D08034 [13.00 7.2]			D13002 [12.00 6.5]	D13016 [12.00 4.8]	
2.5		D04006 [3.50 24.5]	D08032 [4.50 23]									
2.8												
3.3	D03007 [2.20 72]	D04001 [2.90 42.6]		D08037 [5.90 15]	D08001 [5.90 15]	D08C01 [5.90 15]				D13010 [12.00 7.3]	D13017 [10.00 7.68]	
3.5							D08040 [11.00 9.6]	D08025 [11.00 9.6]				
3.9											D13018 [9.00 8.76]	
4.1												
4.7	D03003 [2.40 100]	D04012 [2.20 51.5]			D08017 [4.70 17]	D08C17 [4.70 17]	D08006 [10.00 12]	D08045 [10.00 12]		D13011 [11.00 7.8]	D13019 [8.40 9.3]	
4.8												
5.2												
6.8	D03008 [1.45 150]		D08033 [2.90 47]	D08036 [4.40 28.6]	D08015 [4.10 28.6]	D08C15 [4.10 28.6]		D08026 [9.00 12] D13012 [7.50 12]		D13006 [10.00 9.7] D13012 [7.50 12]	D13021 [7.50 14.3] D13022 [7.50 16]	
7.8												
8.3												
10.0	D03002 [1.70 160]			D08035 [4.30 40.8]	D08019 [4.30 40.8]	D08C19 [4.30 40.8]	D08048 [6.50 19.9] D08049 [5.50 27.6]	D08027 [6.50 19.9]		D13008 [6.00 24]	D13023 [6.00 20.7]	
12.0												

* 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 UNSHIELDED-SMT PART II

SERIES	SDIP0302	SDIP0403	SDIP0802LP	SDIP0804LP	SDIP0804	SDIP0804C	SDIP0801LP	SDIP0811	SDIP1306LP	SDIP1306	SDIP1306HC	
												
MAXIMUM DIMENSIONS (mm)												
L	6.6	8.9	13.5	13.5	13.5	13.9	13.5	13.5	18.6	20.3	22.3	
W	4.4	6.7	9.5	9.5	10.1	10.3	9.5	10.1	15.2	15.2	16.2	
H	2.9	5.0	3.0	5.2	6.0	6.0	11.7	12.7	7.1	8.4	8.0	
ENERGY STORAGE LIMITS (μJ) **	8	15	50	70	70	70	400	400	400	400	500	
L (μH)	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mΩ)]											
12.5												
15	D03009 [1.30 264]				D08002 [3.60 48]	D08C02 [3.60 48]	D08050 [5.20 31.2]				D13024 [4.40 32]	
18	D03014 [1.00 350]											
22	D03010 [0.82 370]	D04014 [1.00 200]		D08052 [2.50 72]	D08022 [2.50 66]	D08C22 [2.50 66]				D13028 [4.60 47]		
27												
33				D08044 [2.10 118]								
39												
47	D03004 [0.52 690]				D08024 [1.80 140]	D08C24 [1.8 140]			D13025 [2.90 86]	D13027 [3.75 65] D13029 [2.90 86]		
56												
68					D08008 [1.50 212]	D08C08 [1.50 212]		D08030 [2.40 130]		D13031 [2.30 130]		
82												
100	D03011 [0.30 1400]				D08018 [1.45 324]	D08C18 [1.45 324]						
120												
150												
180												
220			D08047 [0.40 1900]	D08042 [1.05 681]						D13007 [1.20 336]		
270												
330										D13032 [1.00 560]		
390												
470	D03012 [0.16 5600]				D08031 [0.75 1200]	D08C25 [0.75 1200]			D13026 [0.92 735]	D13030 [0.92 735]		
560												
680												
1000												
1500												
2200	D03013 [0.09 35600]											
3300												
4700												
6800												
10000												

* 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 I

SERIES		TTIB0704	T26-0803	TTIC0704	TTID1305	TTID0803	TTIB1106	TTIB1005	TTID1104	TTIF1003	TTIB1104	T4460HT	HW10	TTIB1305	TTIC1305	T53-1305	TTIF1305
																	
MAXIMUM DIMENSIONS (mm)		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
L		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
W		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
H																	
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]			T03805 [24.00 1.14]		T04431 [25.00 0.754]		T50053 [25.50 1.05]			
							T04410 [20.00 1.50]							T50A53 [24.20 1.12]			
0.56				T02508 [12.00 3]	T50004 [18.00 3]												
0.60										T03806 [18.00 1.32]					T50049 [25.00 1.23]		
															T50A49 [25.00 1.25]		
0.65														T50139 [25.00 1.68]			
0.75							T04405 [18.00 1.92]										
0.86				T02509 [12.00 4.2]													
														T50126 [17.00 2.64]			
														T51A26 [17.00 2.64]			
														T5A126 [17.00 2.64]			
														T5L045 [17.00 2.63]			
														T50045 [17.00 2.63]			
0.91									T04409 [8.00 4]								T50138 [25.00 0.9]
									T04L09 [8.00 4]								
1.0							T04408 [15.00 2.2]										
1.1						T03004 [4.00 3.5]						T04434 [15.00 2.8]		T50021 [20.00 2.4]			
1.2			T03003 [12.00 2.65]	T02503 [5.60 8]												T50154 [20.00 1.38]	
			T03L03 [12.00 2.65]														
1.3																	
							T04427 [22.50 2.4]		T04407 [12.00 1.6]								
1.5												T04415 [14.40 4]		T50132 [18.00 2.3]			
1.7				T02604 [9.00 10.6]	T50050 [18.00 3.25]			T03812 [11.50 8.5]		T04414 [12.5 4]							
				T026L4 [9.00 10.6]						T04438 [15.00 3]							
										T04L38 [15.00 3]							
1.9																	

** The DC current which causes a temperature rise of 30, 40 or 50 °C

POWER INDUCTORS SHIELDED-THT PART II

SERIES	TTIB0704	T26-0803	TTIC0704	TTID1305	TTID0803	TTIB1106	TTIB1005	TTID1104	TTIF1003	TTIB1104	T4460HT	HW10	TTIB1305	TTIC1305	T63-1305	TTIF1305
																
MAXIMUM DIMENSIONS (mm)	L 9.7 W 7.1 H 7.1	10.7 6.4 10.7	9.7 8.0 9.7	16.5 9.5 15.2	11.7 7.1 10.4	16.5 12.5 14.7	13.7 8.4 12.5	16.8 10.2 16.0	14.7 8.9 13.2	16.5 8.9 15.2	16.5 10.2 15.2	11.0 11.0 7.5	18.3 11.2 16.5	18.5 10.2 14.0	16.0 7.8 15.2	18.8 11.7 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)															
2.2										T04424 [14.00 5.1]						
2.5								T03813 [6.00 12.6]								
2.8																
3.0						T03009 [9.00 12.8]										
3.3																
3.5																
4.1										T04428 [10.00 10.2]						
4.4						T03011 [6.40 23.4]										
4.7			T02504 [3.00 33.0]													
5.2							T03811 [6.80 22.2]			T04418 [6.80 15]				T50024 [8.00 8.7] T50055 [7.50 12.66]		
5.8										T04421 [8.00 15.6]						
6.3																
6.8																
7.0																
7.8																
8.3																
9.2																
10																
33						T04425 [8.00 20.2]										

* 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 III

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)**													
L (μH)	310	320	370	380	400	460	465	480	740	740	795	1775	
	FALCO PART NUMBER		[MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mW)]										
0.13													
0.18													
0.28													
0.33													
0.47			T60015 [30.00 1.3]		SB1302 [35.00 0.8]								
0.56													
0.60													
0.65													
0.75		T50029 [25.00 1.3]											
0.86				T50023 [30.50 1.14] T50022 [25.20 1.35]						T60020 [31.00 1.1]			
0.91													
1.0						T50167 [30.00 1.35]							
1.1				T50163 [26.00 1.35]									
1.2													
1.3													
1.5		T50131 [20.00 2.2]								T60017 [30.00 1.2]		T68024 [50.00 0.88]	
1.7													
1.9	T68002 [18.00 3]			T50166 [22.00 2.64]									
2.2													
										T60018 [26.00 2.04]			

* 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 IV

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)]												
2.5							T50013 [18.00 3]						
2.7								T50165 [18.50 3.05]					
2.8								T50168 [27.50 2.27]					
3.0											T60021 [23.00 3.6]		
3.3							T50014 [17.00 4]						
3.5													
4.1													
4.4								T50005 [14.50 4.5]					
4.7													
5.2													
5.8													
6.3								T5B130 [12.00 5.3] T5L130 [12.00 5.3]					
6.8		T50058 [10.00 7.8]											
7.0													
7.8													
8.3													
9.2		T50056 [9.00 9.95] T5L056 [9.00 9.95]											
10													
33	T68031 [10.00 12.7]												

* 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 UNSHIELDED-THT

SERIES		PIS04	PIS05																								
																											
MAXIMUM DIMENSIONS (mm)																											
	L	9.10	12.50																								
	W	7.10	12.50																								
	H	15.20	20.60																								
ENERGY STORAGE																											
LIMITS (μJ)**		112	130																								
	FALCO PART NUMBER / [MAXIMUM ALLOWABLE CURRENT (Amps) ** DCR (mΩ)]																										
	L (μH)																										
	0.33																										
	0.47																										
	0.53																										
	0.75																										
	0.91																										
	1.0	S16002	S19005																								
	1.1	[15.00 4.5]	[16.00 1.54]																								
	1.3																										
	1.5																										
	1.9-10																										

* The energy stored by the inductor before reaching saturation (1/2 L I²)

** The DC current which causes a temperature rise of 30, 40 or 50 °C

Competitor Cross Reference

Comp P/N	Comp Series	FPN	Falco Series
BI TECHNOLOGIES			
HM00-01568	HM00	T04409	TTID1104
HM66-80100	HM66	SQ1005	SQ1004
HM66-80101	HM66	SQ1009	SQ1004
HM66-80150	HM66	SQ1006	SQ1004
HM66-801R5	HM66	SQ1010	SQ1004
HM66-80220	HM66	SQ1007	SQ1004
HM66-802R5	HM66	SQ1001	SQ1004
HM66-803R8	HM66	SQ1002	SQ1004
HM66-80470	HM66	SQ1011	SQ1004
HM66-805R2	HM66	SQ1003	SQ1004
HM66-80680	HM66	SQ1008	SQ1004
HM66-807R0	HM66	SQ1004	SQ1004
HM73-201R0	HM73	HC1206	HC1245
HM73-201R5	HM73	HC1207	HC1245
HM73-301R0	HM73	HC1210	HC1255
HM73-301R5	HM73	HC1211	HC1255
HM73-302R2	HM73	HC1212	HC1255
HM73-30R60	HM73	HC1209	HC1255
HM73-402R2	HM73	HC1216	HC1260
HM73-40R50	HM73	HC1213	HC1260
HM73-40R90	HM73	HC1214	HC1260
HM75-101R0	HM75	D04011	SDIP0403
HM75-101R5	HM75	D04007	SDIP0403
HM75-10220	HM75	D04014	SDIP0403
HM75-102R2	HM75	D04006	SDIP0403
HM75-103R3	HM75	D04001	SDIP0403
HM75-104R7	HM75	D04012	SDIP0403
HM75-40100	HM75	D13023	SDIP1306HC
HM75-40150	HM75	D13024	SDIP1306HC
HM75-401R0	HM75	D13014	SDIP1306HC
HM75-401R3	HM75	D13015	SDIP1306HC
HM75-402R2	HM75	D13016	SDIP1306HC
HM75-403R3	HM75	D13017	SDIP1306HC
HM75-403R9	HM75	D13018	SDIP1306HC
HM75-406R0	HM75	D13020	SDIP1306HC
HM75-407R8	HM75	D13022	SDIP1306HC
HM75-40R47	HM75	D13013	SDIP1306HC

Comp P/N	Comp Series	FPN	Falco Series
HM75-50100	HM75	D08027	SDIP0811
HM75-503R3	HM75	D08025	SDIP0811
HM75-504R7	HM75	D08045	SDIP0811
HM75-50680	HM75	D08030	SDIP0811
HM75-507R5	HM75	D08007	SDIP0811
HM78-10101	HM78	SD7002	SDI7032
HM78-10151	HM78	SD7001	SDI7032
HM78-30100	HM78	SD0502	SDQIE0503
HM78-30120	HM78	SD0503	SDQIE0503
HM78-30150	HM78	SD0504	SDQIE0503
HM78-30180	HM78	SD0505	SDQIE0503
HM78-30220	HM78	SD0506	SDQIE0503
HM78-30270	HM78	SD0507	SDQIE0503
HM78-30330	HM78	SD0508	SDQIE0503
HM78-30390	HM78	SD0509	SDQIE0503
HM78-30470	HM78	SD0510	SDQIE0503
HM78-30560	HM78	SD0511	SDQIE0503
HM78-40100	HM78	SD0703	SDQIE0504
HM78-40101	HM78	SD0711	SDQIE0504
HM78-40120	HM78	SD0704	SDQIE0504
HM78-40150	HM78	SD0705	SDQIE0504
HM78-40180	HM78	SD0706	SDQIE0504
HM78-40220	HM78	SD0702	SDQIE0504
HM78-40270	HM78	SD0707	SDQIE0504
HM78-40330	HM78	SD0708	SDQIE0504
HM78-40390	HM78	SD0709	SDQIE0504
HM78-40470	HM78	SD0710	SDQIE0504
HM78-40560	HM78	SD0701	SDQIE0504
HM78-50100	HM78	SD1001	SDQIE1005
HM78-50101	HM78	SD1020	SDQIE1005
HM78-50102	HM78	SD1032	SDQIE1005
HM78-50120	HM78	SD1014	SDQIE1005
HM78-50121	HM78	SD1021	SDQIE1005
HM78-50150	HM78	SD1002	SDQIE1005
HM78-50151	HM78	SD1022	SDQIE1005
HM78-50180	HM78	SD1010	SDQIE1005
HM78-50181	HM78	SD1023	SDQIE1005
HM78-501R0	HM78	SD1013	SDQIE1005

Comp P/N	Comp Series	FPN	Falco Series
HM78-50220	HM78	SD1015	SDQIE1005
HM78-50221	HM78	SD1024	SDQIE1005
HM78-50270	HM78	SD1006	SDQIE1005
HM78-50271	HM78	SD1025	SDQIE1005
HM78-50330	HM78	SD1016	SDQIE1005
HM78-50331	HM78	SD1026	SDQIE1005
HM78-50390	HM78	SD1017	SDQIE1005
HM78-50391	HM78	SD1027	SDQIE1005
HM78-503R3	HM78	SD1009	SDQIE1005
HM78-50470	HM78	SD1008	SDQIE1005
HM78-50471	HM78	SD1028	SDQIE1005
HM78-504R5	HM78	SD1003	SDQIE1005
HM78-50560	HM78	SD1018	SDQIE1005
HM78-50561	HM78	SD1029	SDQIE1005
HM78-50680	HM78	SD1007	SDQIE1005
HM78-50681	HM78	SD1030	SDQIE1005
HM78-50820	HM78	SD1019	SDQIE1005
HM78-50821	HM78	SD1031	SDQIE1005
HM78-60100	HM78	SD1202	SDQIE1007
HM78-60120	HM78	SD1212	SDQIE1007
HM78-60150	HM78	SD1213	SDQIE1007
HM78-60180	HM78	SD1214	SDQIE1007
HM78-601R4	HM78	SD1207	SDQIE1007
HM78-60220	HM78	SD1215	SDQIE1007
HM78-60270	HM78	SD1216	SDQIE1007
HM78-602R4	HM78	SD1210	SDQIE1007
HM78-60330	HM78	SD1217	SDQIE1007
HM78-60390	HM78	SD1218	SDQIE1007
HM78-60470	HM78	SD1219	SDQIE1007
HM78-604R7	HM78	SD1201	SDQIE1007
COILCRAFT			
DO1608C-102	DO1608	D03005	SDIP0302
DO1608C-103	DO1608	D03002	SDIP0302
DO1608C-104	DO1608	D03011	SDIP0302
DO1608C-152	DO1608	D03001	SDIP0302
DO1608C-153	DO1608	D03009	SDIP0302
DO1608C-222	DO1608	D03006	SDIP0302
DO1608C-223	DO1608	D03010	SDIP0302

Competitor Cross Reference

Comp P/N	Comp Series	FPN	Falco Series
...COILCRAFT continued			
D01608C-332	D01608	D03007	SDIP0302
D01608C-472	D01608	D03003	SDIP0302
D01608C-473	D01608	D03004	SDIP0302
D01608C-474	D01608	D03012	SDIP0302
D01608C-682	D01608	D03008	SDIP0302
D01813P-122HC	D01813HC	D04011	SDIP0403
D01813P-222HC	D01813HC	D04006	SDIP0403
D01813P-223HC	D01813HC	D04014	SDIP0403
D01813P-472HC	D01813HC	D04012	SDIP0403
D01813P-561HC	D01813HC	D04004	SDIP0403
D03308P-224	D03308	D08047	SDIP0802LP
D03316P-103	D03316	D08035	SDIP0804LP
D03316P-152	D03316	D08039	SDIP0804LP
D03316P-222	D03316	D08038	SDIP0804LP
D03316P-224	D03316	D08042	SDIP0804LP
D03316P-332	D03316	D08037	SDIP0804LP
D03316P-682	D03316	D08036	SDIP0804LP
D03316P-102HC	D03316HC	D08003	SDIP0804
D03316P-152HC	D03316HC	D08020	SDIP0804
D03316P-222HC	D03316HC	D08005	SDIP0804
D03316P-331HC	D03316HC	D08023	SDIP0804
D03316P-332HC	D03316HC	D08001	SDIP0804
D03316P-472HC	D03316HC	D08017	SDIP0804
D03316P-681HC	D03316HC	D08004	SDIP0804
D03340-103	D03340	D08027	SDIP0811
D03340P-103	D03340	D08048	SDIP0811LP
D03340P-153	D03340	D08050	SDIP0811LP
D05010P-103HC	D05010HC	D13008	SDIP1306
D05010P-152HC	D05010HC	D13003	SDIP1306
D05010P-222HC	D05010HC	D13002	SDIP1306
D05010P-223HC	D05010HC	D13028	SDIP1306
D05010P-224HC	D05010HC	D13007	SDIP1306
D05010P-332HC	D05010HC	D13010	SDIP1306
D05010P-334HC	D05010HC	D13032	SDIP1306
D05010P-473HC	D05010HC	D13029	SDIP1306
D05010P-474HC	D05010HC	D13030	SDIP1306
D05010P-683HC	D05010HC	D13031	SDIP1306

Comp P/N	Comp Series	FPN	Falco Series
D05022P-474HC	D05010HC	D13030	SDIP1306
D05022P-473	D05022	D13025	SDIP1306LP
D05022P-474	D05022	D13026	SDIP1306LP
D05022P-103HC	D05022HC	D13023	SDIP1306HC
D05022P-152HC	D05022HC	D13015	SDIP1306HC
D05022P-153HC	D05022HC	D13024	SDIP1306HC
D05022P-222HC	D05022HC	D13016	SDIP1306HC
D05022P-392HC	D05022HC	D13018	SDIP1306HC
D05022P-472HC	D05022HC	D13019	SDIP1306HC
D05022P-602HC	D05022HC	D13020	SDIP1306HC
D05022P-782HC	D05022HC	D13022	SDIP1306HC
DS1608C-102	DS1608	DS3003	SDSP0402
DS1608C-103	DS1608	DS3006	SDSP0402
DS1608C-104	DS1608	DS3016	SDSP0402
DS1608C-105	DS1608	DS3022	SDSP0402
DS1608C-106	DS1608	DS3028	SDSP0402
DS1608C-152	DS1608	DS3009	SDSP0402
DS1608C-153	DS1608	DS3007	SDSP0402
DS1608C-154	DS1608	DS3017	SDSP0402
DS1608C-155	DS1608	DS3023	SDSP0402
DS1608C-222	DS1608	DS3010	SDSP0402
DS1608C-223	DS1608	DS3008	SDSP0402
DS1608C-224	DS1608	DS3018	SDSP0402
DS1608C-225	DS1608	DS3024	SDSP0402
DS1608C-332	DS1608	DS3011	SDSP0402
DS1608C-333	DS1608	DS3013	SDSP0402
DS1608C-334	DS1608	DS3019	SDSP0402
DS1608C-335	DS1608	DS3025	SDSP0402
DS1608C-472	DS1608	DS3012	SDSP0402
DS1608C-473	DS1608	DS3014	SDSP0402
DS1608C-474	DS1608	DS3020	SDSP0402
DS1608C-475	DS1608	DS3026	SDSP0402
DS1608C-682	DS1608	DS3005	SDSP0402
DS1608C-683	DS1608	DS3015	SDSP0402
DS1608C-684	DS1608	DS3021	SDSP0402
DS1608C-685	DS1608	DS3027	SDSP0402
DS3316P-102	DS3316	DS0801	SDSP0804
DS3316P-103	DS3316	DS0807	SDSP0804

Comp P/N	Comp Series	FPN	Falco Series
DS3316P-152	DS3316	DS0802	SDSP0804
DS3316P-153	DS3316	DS0808	SDSP0804
DS3316P-222	DS3316	DS0803	SDSP0804
DS3316P-223	DS3316	DS0809	SDSP0804
DS3316P-332	DS3316	DS0804	SDSP0804
DS3316P-333	DS3316	DS0810	SDSP0804
DS3316P-472	DS3316	DS0805	SDSP0804
DS3316P-473	DS3316	DS0811	SDSP0804
DS3316P-682	DS3316	DS0806	SDSP0804
DS5022P-103	DS5022	DS1301	SDSP1306
DS5022P-104	DS5022	DS1307	SDSP1306
DS5022P-105	DS5022	DS1313	SDSP1306
DS5022P-153	DS5022	DS1302	SDSP1306
DS5022P-154	DS5022	DS1308	SDSP1306
DS5022P-223	DS5022	DS1303	SDSP1306
DS5022P-224	DS5022	DS1309	SDSP1306
DS5022P-333	DS5022	DS1304	SDSP1306
DS5022P-334	DS5022	DS1310	SDSP1306
DS5022P-473	DS5022	DS1305	SDSP1306
DS5022P-474	DS5022	DS1311	SDSP1306
DS5022P-683	DS5022	DS1306	SDSP1306
DS5022P-684	DS5022	DS1312	SDSP1306
MSS1260-103MXD	MSS1260	SD1001	SDQIE1005
MSS1260-104MXD	MSS1260	SD1020	SDQIE1005
MSS1260-105KXD	MSS1260	SD1032	SDQIE1005
MSS1260-123MXD	MSS1260	SD1014	SDQIE1005
MSS1260-124KXD	MSS1260	SD1021	SDQIE1005
MSS1260-152NXXD	MSS1260	SD1013	SDQIE1005
MSS1260-153MXD	MSS1260	SD1002	SDQIE1005
MSS1260-154KXD	MSS1260	SD1022	SDQIE1005
MSS1260-183MXD	MSS1260	SD1010	SDQIE1005
MSS1260-184KXD	MSS1260	SD1023	SDQIE1005
MSS1260-222NXXD	MSS1260	SD1004	SDQIE1005
MSS1260-223MXD	MSS1260	SD1015	SDQIE1005
MSS1260-224KXD	MSS1260	SD1024	SDQIE1005
MSS1260-273MXD	MSS1260	SD1006	SDQIE1005
MSS1260-274KXD	MSS1260	SD1025	SDQIE1005
MSS1260-332NXXD	MSS1260	SD1009	SDQIE1005

Competitor Cross Reference

Comp P/N	Comp Series	FPN	Falco Series
...COILCRAFT continued			
MSS1260-333MXD	MSS1260	SD1016	SDQIE1005
MSS1260-334KXD	MSS1260	SD1026	SDQIE1005
MSS1260-393MXD	MSS1260	SD1017	SDQIE1005
MSS1260-394KXD	MSS1260	SD1027	SDQIE1005
MSS1260-472MXD	MSS1260	SD1003	SDQIE1005
MSS1260-473MXD	MSS1260	SD1008	SDQIE1005
MSS1260-474KXD	MSS1260	SD1028	SDQIE1005
MSS1260-562MXD	MSS1260	SD1011	SDQIE1005
MSS1260-563MXD	MSS1260	SD1018	SDQIE1005
MSS1260-564KXD	MSS1260	SD1029	SDQIE1005
MSS1260-683MXD	MSS1260	SD1007	SDQIE1005
MSS1260-684KXD	MSS1260	SD1030	SDQIE1005
MSS1260-823MXD	MSS1260	SD1019	SDQIE1005
MSS1260-824KXD	MSS1260	SD1031	SDQIE1005
MSS6122-103MXD	MSS6122	SQ6203	SQ5702
MSS6122-104MXD	MSS6122	SQ6207	SQ5702
MSS6122-153MXD	MSS6122	SQ6202	SQ5702
MSS6122-223MXD	MSS6122	SQ6204	SQ5702
MSS6122-333MXD	MSS6122	SQ6205	SQ5702
MSS6122-473MXD	MSS6122	SQ6201	SQ5702
MSS6122-563MXD	MSS6122	SQ6206	SQ5702
MSS6122-472MXB	MSS6132	SQ6208	SQ5703
PCV-0-102-10	PCV-0	S19005	PIS05
SER1360-602KXD	SER1360	ER1204	HCER1206
COILTRONICS			
CD1-100	CD1	SQ1005	SQ1004
CD1-101	CD1	SQ1009	SQ1004
CD1-150	CD1	SQ1006	SQ1004
CD1-1R5	CD1	SQ1010	SQ1004
CD1-220	CD1	SQ1007	SQ1004
CD1-2R5	CD1	SQ1001	SQ1004
CD1-3R8	CD1	SQ1002	SQ1004
CD1-470	CD1	SQ1011	SQ1004
CD1-5R2	CD1	SQ1003	SQ1004
CD1-680	CD1	SQ1008	SQ1004
CD1-7R0	CD1	SQ1004	SQ1004
DR125-100	DR125	SD1001	SDQIE1005

Comp P/N	Comp Series	FPN	Falco Series
DR125-101	DR125	SD1020	SDQIE1005
DR125-102	DR125	SD1032	SDQIE1005
DR125-150	DR125	SD1002	SDQIE1005
DR125-151	DR125	SD1022	SDQIE1005
DR125-1R5	DR125	SD1013	SDQIE1005
DR125-220	DR125	SD1015	SDQIE1005
DR125-221	DR125	SD1024	SDQIE1005
DR125-2R2	DR125	SD1004	SDQIE1005
DR125-330	DR125	SD1016	SDQIE1005
DR125-331	DR125	SD1026	SDQIE1005
DR125-3R3	DR125	SD1009	SDQIE1005
DR125-470	DR125	SD1008	SDQIE1005
DR125-471	DR125	SD1028	SDQIE1005
DR125-4R7	DR125	SD1003	SDQIE1005
DR125-680	DR125	SD1007	SDQIE1005
DR125-681	DR125	SD1030	SDQIE1005
DR125-820	DR125	SD1019	SDQIE1005
DR125-821	DR125	SD1031	SDQIE1005
DR125-R47	DR125	SD1012	SDQIE1005
DR127-100	DR127	SD1202	SDQIE1007
DR127-101	DR127	SD1204	SDQIE1007
DR127-102	DR127	SD1232	SDQIE1007
DR127-152	DR127	SD1213	SDQIE1007
DR127-151	DR127	SD1205	SDQIE1007
DR127-1R5	DR127	SD1207	SDQIE1007
DR127-220	DR127	SD1215	SDQIE1007
DR127-221	DR127	SD1206	SDQIE1007
DR127-2R2	DR127	SD1210	SDQIE1007
DR127-330	DR127	SD1217	SDQIE1007
DR127-331	DR127	SD1226	SDQIE1007
DR127-3R3	DR127	SD1208	SDQIE1007
DR127-470	DR127	SD1219	SDQIE1007
DR127-471	DR127	SD1228	SDQIE1007
DR127-4R7	DR127	SD1201	SDQIE1007
DR127-680	DR127	SD1221	SDQIE1007
DR127-681	DR127	SD1230	SDQIE1007
DR127-6R8	DR127	SD1237	SDQIE1007
DR127-820	DR127	SD1222	SDQIE1007

Comp P/N	Comp Series	FPN	Falco Series
DR127-821	DR127	SD1231	SDQIE1007
DR127-R47	DR127	SD1209	SDQIE1007
DR73-100	DR73	SD0502	SDQIE0503
DR73-120	DR73	SD0507	SDQIE0503
DR73-150	DR73	SD0504	SDQIE0503
DR73-1R0	DR73	SD0501	SDQIE0503
DR73-220	DR73	SD0506	SDQIE0503
DR73-2R2	DR73	SD0512	SDQIE0503
DR73-330	DR73	SD0508	SDQIE0503
DR73-470	DR73	SD0510	SDQIE0503
DR74-100	DR74	SD0703	SDQIE0504
DR74-120	DR74	SD0707	SDQIE0504
DR74-150	DR74	SD0705	SDQIE0504
DR74-220	DR74	SD0702	SDQIE0504
DR74-330	DR74	SD0708	SDQIE0504
DR74-470	DR74	SD0710	SDQIE0504
HC7-1R0	HC7	HC1210	HC1255
HC7-1R5	HC7	HC1211	HC1255
HC7-2R2	HC7	HC1212	HC1255
R47C	UP2B	D08C04	SDIP0804C
SD52-150	SD52	SD5201	SD52
UP1B-1R0	UP1B	D04011	SDIP0403
UP1B-1R5	UP1B	D04007	SDIP0403
UP1B-220	UP1B	D04014	SDIP0403
UP1B-2R2	UP1B	D04006	SDIP0403
UP1B-3R3	UP1B	D04001	SDIP0403
UP1B-4R7	UP1B	D04012	SDIP0403
UP1B-R47	UP1B	D04004	SDIP0403
UP2B-100	UP2B	D08019	SDIP0804
UP2B-101	UP2B	D08018	SDIP0804
UP2B-101 C	UP2B	D08C19	SDIP0804C
UP2B-101C	UP2B	D08C18	SDIP0804C
UP2B-150	UP2B	D08002	SDIP0804
UP2B-150C	UP2B	D08C02	SDIP0804C
UP2B-1R0	UP2B	D08003	SDIP0804
UP2B-1R5	UP2B	D08020	SDIP0804
UP2B-1R5C	UP2B	D08C20	SDIP0804C
UP2B-220	UP2B	D08022	SDIP0804

Competitor Cross Reference

Comp P/N	Comp Series	FPN	Falco Series
...COILTRONICS continued			
UP2B-220C	UP2B	D08C22	SDIP0804C
UP2B-2R2	UP2B	D08005	SDIP0804
UP2B-3R3	UP2B	D08001	SDIP0804
UP2B-3R3C	UP2B	D08C01	SDIP0804C
UP2B-470	UP2B	D08024	SDIP0804
UP2B-470C	UP2B	D08C24	SDIP0804C
UP2B-471	UP2B	D08C25	SDIP0804C
UP2B-4R7	UP2B	D08017	SDIP0804
UP2B-680	UP2B	D08008	SDIP0804
UP2B-680C	UP2B	D08C08	SDIP0804C
UP2B-6R8	UP2B	D08015	SDIP0804
UP2B-6R8C	UP2B	D08C15	SDIP0804C
UP2B-R47	UP2B	D08004	SDIP0804
UP4B-100	UP4B	D13008	SDIP1306
UP4B-100	UP4B	D13023	SDIP1306HC
UP4B-150	UP4B	D13024	SDIP1306HC
UP4B-1R0	UP4B	D13014	SDIP1306HC
UP4B-1R5	UP4B	D13003	SDIP1306
UP4B-1R5	UP4B	D13015	SDIP1306HC
UP4B-220	UP4B	D13028	SDIP1306
UP4B-2R2	UP4B	D13002	SDIP1306
UP4B-2R2	UP4B	D13016	SDIP1306HC
UP4B-3R3	UP4B	D13010	SDIP1306
UP4B-4R7	UP4B	D13006	SDIP1306
UP4B-4R7	UP4B	D13019	SDIP1306HC
UP4B-6R8	UP4B	D13012	SDIP1306
UP4B-6R8	UP4B	D13021	SDIP1306HC
UP4B-R47	UP4B	D13009	SDIP1306
UP4B-R47	UP4B	D13013	SDIP1306HC
DELTA			
SIQ65-102	SIQ65	SD6401	SD64
SPO135-0R8	SPO135	PI1306	QPIH1205
SPO135-2R0	SPO135	PI1301	QPIH1205
PANASONIC			
ELL6SH100M	ELL6SH	SD0502	SDQIE0503
ELL6SH120M	ELL6SH	SD0503	SDQIE0503
ELL6SH150M	ELL6SH	SD0504	SDQIE0503

Comp P/N	Comp Series	FPN	Falco Series
ELL6SH180M	ELL6SH	SD0505	SDQIE0503
ELL6SH190M	ELL6SH	SD0501	SDQIE0503
ELL6SH220M	ELL6SH	SD0506	SDQIE0503
ELL6SH270M	ELL6SH	SD0507	SDQIE0503
ELL6SH330M	ELL6SH	SD0508	SDQIE0503
ELL6SH390M	ELL6SH	SD0509	SDQIE0503
ELL6SH470M	ELL6SH	SD0510	SDQIE0503
ELL6SH560M	ELL6SH	SD0511	SDQIE0503
ETQP4LR56WFC	ETQP4	HC1010	HC1035
ETQP6F0R6BFA	PCC-N6B	PI1305	QPIH1205
ETQP6F102HF-HL	PCC-N6	PI1212	QPIH1205
ETQP6F1R0SF-SP	PCC-N6	PI1206	QPIH1205
ETQP6F1R2HF-HL	PCC-N6	PI1201	QPIH1205
ETQP6F1R3LF-LB	PCC-N6	PI1210	QPIH1205
ETQP6F1R6SF-SP	PCC-N6	PI1214	QPIH1205
ETQP6F1R8BFA	ETQP6F	PI1311	QPIH1205
ETQP6F2R0HF-HL	PCC-N6	PI1202	QPIH1205
ETQP6F2R0LF-LB	PCC-N6	PI1211	QPIH1205
ETQP6F2R5BFA	PCC-N6B	PI1308	QPIH1205
ETQP6F2R5SF-SP	PCC-N6	PI1203	QPIH1205
ETQP6F2R9LF-LB	PCC-N6	PI1213	QPIH1205
ETQP6F3R2HF-HL	PCC-N6	PI1215	QPIH1205
ETQP6F4R6HF-HL	PCC-N6	PI1205	QPIH1205
ETQP6F6R4HF-HL	PCC-N6	PI1208	QPIH1205
ETQP6F8R2HF-HL	PCC-N6	PI1207	QPIH1205
PULSE ENGINEERING			
P0751.102T	P0751	D08003	SDIP0804
P0751.103T	P0751	D08019	SDIP0804
P0751.152T	P0751	D08020	SDIP0804
P0751.153T	P0751	D08002	SDIP0804
P0751.222T	P0751	D08005	SDIP0804
P0751.223T	P0751	D08022	SDIP0804
P0751.332T	P0751	D08001	SDIP0804
P0751.472T	P0751	D08017	SDIP0804
P0751.473T	P0751	D08024	SDIP0804
P0751.682T	P0751	D08015	SDIP0804
P0751.684T	P0751	D08008	SDIP0804
P0752.105T	P0752	D08018	SDIP0804

Comp P/N	Comp Series	FPN	Falco Series
P0770.102T	P0770	D04011	SDIP0403
P0770.152T	P0770	D04007	SDIP0403
P0770.222T	P0770	D04006	SDIP0403
P0770.223T	P0770	D04014	SDIP0403
P0770.332T	P0770	D04001	SDIP0403
P0770.472T	P0770	D04012	SDIP0403
P1166.681	P1166	SD0513	SDQIE0503
P1167.104T	P1167	SD0711	SDQIE0504
P1252.103T	P1252	D13008	SDIP1306
P1252.152T	P1252	D13003	SDIP1306
P1252.222T	P1252	D13002	SDIP1306
P1252.332T	P1252	D13010	SDIP1306
P1252.392T	P1252	D13011	SDIP1306
P1252.602T	P1252	D13012	SDIP1306
SUMIDA			
CDEP134-4R8	CDEP134(H)	ER1305	HCER1305
CDR63B-100	CDR63B	SS0401	SDSIE0403
CDR63B-120	CDR63B	SS0402	SDSIE0403
CDR63B-150	CDR63B	SS0403	SDSIE0403
CDR63B-180	CDR63B	SS0404	SDSIE0403
CDR63B-220	CDR63B	SS0405	SDSIE0403
CDR63B-270	CDR63B	SS0406	SDSIE0403
CDR63B-330	CDR63B	SS0407	SDSIE0403
CDR63B-390	CDR63B	SS0408	SDSIE0403
CDR63B-470	CDR63B	SS0409	SDSIE0403
CDR63B-560	CDR63B	SS0410	SDSIE0403
CDR63B-680	CDR63B	SS0411	SDSIE0403
CDRH104R-100	CDRH104R	SQ1005	SQ1004
CDRH104R-101	CDRH104R	SQ1009	SQ1004
CDRH104R-150	CDRH104R	SQ1006	SQ1004
CDRH104R-1R5	CDRH104R	SQ1010	SQ1004
CDRH104R-220	CDRH104R	SQ1007	SQ1004
CDRH104R-2R5	CDRH104R	SQ1001	SQ1004
CDRH104R-331	CDRH104R	SQ1013	SQ1004
CDRH104R-3R8	CDRH104R	SQ1002	SQ1004
CDRH104R-470	CDRH104R	SQ1011	SQ1004
CDRH104R-5R2	CDRH104R	SQ1003	SQ1004
CDRH104R-680	CDRH104R	SQ1008	SQ1004

Competitor Cross Reference

Comp P/N	Comp Series	FPN	Falco Series
...SUMIDA continued			
CDRH104R-7R0	CDRH104R	SQ1004	SQ1004
CDRH125-100	CDRH125	SD1001	SDQIE1005
CDRH125-101	CDRH125	SD1020	SDQIE1005
CDRH125-102	CDRH125	SD1032	SDQIE1005
CDRH125-120	CDRH125	SD1014	SDQIE1005
CDRH125-121	CDRH125	SD1021	SDQIE1005
CDRH125-150	CDRH125	SD1002	SDQIE1005
CDRH125-151	CDRH125	SD1022	SDQIE1005
CDRH125-180	CDRH125	SD1010	SDQIE1005
CDRH125-181	CDRH125	SD1023	SDQIE1005
CDRH125-1R3	CDRH125	SD1013	SDQIE1005
CDRH125-220	CDRH125	SD1015	SDQIE1005
CDRH125-221	CDRH125	SD1024	SDQIE1005
CDRH125-270	CDRH125	SD1006	SDQIE1005
CDRH125-271	CDRH125	SD1025	SDQIE1005
CDRH125-2R1	CDRH125	SD1004	SDQIE1005
CDRH125-330	CDRH125	SD1016	SDQIE1005
CDRH125-331	CDRH125	SD1026	SDQIE1005
CDRH125-390	CDRH125	SD1017	SDQIE1005
CDRH125-391	CDRH125	SD1027	SDQIE1005
CDRH125-3R1	CDRH125	SD1009	SDQIE1005
CDRH125-470	CDRH125	SD1008	SDQIE1005
CDRH125-471	CDRH125	SD1028	SDQIE1005
CDRH125-4R4	CDRH125	SD1003	SDQIE1005
CDRH125-560	CDRH125	SD1018	SDQIE1005
CDRH125-561	CDRH125	SD1029	SDQIE1005
CDRH125-5R8	CDRH125	SD1011	SDQIE1005
CDRH125-680	CDRH125	SD1007	SDQIE1005
CDRH125-681	CDRH125	SD1030	SDQIE1005
CDRH125-820	CDRH125	SD1019	SDQIE1005
CDRH125-821	CDRH125	SD1031	SDQIE1005
CDRH127-100	CDRH127	SD1202	SDQIE1007
CDRH127-101	CDRH127	SD1204	SDQIE1007
CDRH127-102	CDRH127	SD1232	SDQIE1007
CDRH127-120	CDRH127	SD1212	SDQIE1007
CDRH127-121	CDRH127	SD1223	SDQIE1007
CDRH127-150	CDRH127	SD1213	SDQIE1007

Comp P/N	Comp Series	FPN	Falco Series
CDRH127-151	CDRH127	SD1205	SDQIE1007
CDRH127-180	CDRH127	SD1214	SDQIE1007
CDRH127-1R3	CDRH127	SD1201	SDQIE1007
CDRH127-220	CDRH127	SD1215	SDQIE1007
CDRH127-221	CDRH127	SD1206	SDQIE1007
CDRH127-270	CDRH127	SD1216	SDQIE1007
CDRH127-271	CDRH127	SD1225	SDQIE1007
CDRH127-2R4	CDRH127	SD1210	SDQIE1007
CDRH127-330	CDRH127	SD1217	SDQIE1007
CDRH127-331	CDRH127	SD1226	SDQIE1007
CDRH127-390	CDRH127	SD1218	SDQIE1007
CDRH127-391	CDRH127	SD1227	SDQIE1007
CDRH127-3R5	CDRH127	SD1208	SDQIE1007
CDRH127-470	CDRH127	SD1219	SDQIE1007
CDRH127-471	CDRH127	SD1228	SDQIE1007
CDRH127-4R4	CDRH127	SD1201	SDQIE1007
CDRH127-560	CDRH127	SD1220	SDQIE1007
CDRH127-561	CDRH127	SD1221	SDQIE1007
CDRH127-561	CDRH127	SD1229	SDQIE1007
CDRH127-5R8	CDRH127	SD1211	SDQIE1007
CDRH127-681	CDRH127	SD1230	SDQIE1007
CDRH127-820	CDRH127	SD1222	SDQIE1007
CDRH127-821	CDRH127	SD1231	SDQIE1007
CDRH5D18-100NC	CDRH5D18	SQ6203	SQ5702
CDRH5D18-101NC	CDRH5D18	SQ6207	SQ5702
CDRH5D18-150NC	CDRH5D18	SQ6202	SQ5702
CDRH5D18-220NC	CDRH5D18	SQ6204	SQ5702
CDRH5D18-330NC	CDRH5D18	SQ6205	SQ5702
CDRH5D18-470NC	CDRH5D18	SQ6201	SQ5702
CDRH5D18-560NC	CDRH5D18	SQ6206	SQ5702
CDRH64B-102	CDRH64B	SD6401	SD64
CDRH73-100	CDRH73	SD0502	SDQIE0503
CDRH73-120	CDRH73	SD0503	SDQIE0503
CDRH73-150	CDRH73	SD0504	SDQIE0503
CDRH73-180	CDRH73	SD0505	SDQIE0503
CDRH73-220	CDRH73	SD0506	SDQIE0503
CDRH73-270	CDRH73	SD0507	SDQIE0503
CDRH73-330	CDRH73	SD0508	SDQIE0503

Competitor Cross Reference

Comp P/N	Comp Series	FPN	Falco Series
...SUMIDA continued			
CDRH73-390	CDRH73	SD0509	SDQIE0503
CDRH73-470	CDRH73	SD0510	SDQIE0503
CDRH73-560	CDRH73	SD0511	SDQIE0503
CDRH74-100	CDRH74	SD0703	SDQIE0504
CDRH74-120	CDRH74	SD0704	SDQIE0504
CDRH74-150	CDRH74	SD0705	SDQIE0504
CDRH74-180	CDRH74	SD0706	SDQIE0504
CDRH74-220	CDRH74	SD0702	SDQIE0504
CDRH74-270	CDRH74	SD0707	SDQIE0504
CDRH74-330	CDRH74	SD0708	SDQIE0504
CDRH74-390	CDRH74	SD0709	SDQIE0504
CDRH127-181	CDRH127	SD1224	SDQIE1007
CDRH74-470	CDRH74	SD0710	SDQIE0504
CDRH74-560	CDRH74	SD0701	SDQIE0504
CE125-2R1	CEE125	PI1201	QPI1205
CE125-4R2	CEE125	PI1205	QPI1205
CE125-3R1	CEE125	PI1215	QPI1205
CEP125-1R5MC	CEP125	ER1205	HCER1206
CEP125-6R0	CEP125	ER1204	HCER1206
TDK			
SLF7032T-101MR372	SLF7032T	SD7002	SDI7032
SLF7032T-151MR372	SLF7032	SD7001	SDI7032
TOKO			
636CY-100M	D73C	SD0502	SDQIE0503
636CY-120M	D73C	SD0503	SDQIE0503
636CY-150M	D73C	SD0504	SDQIE0503
636CY-180M	D73C	SD0505	SDQIE0503
636CY-220M	D73C	SD0506	SDQIE0503
636CY-270M	D73C	SD0507	SDQIE0503
636CY-330M	D73C	SD0508	SDQIE0503
636CY-390M	D73C	SD0509	SDQIE0503
636CY-470M	D73C	SD0510	SDQIE0503
636CY-560M	D73C	SD0511	SDQIE0503
646CY-100M	D75C	SD0703	SDQIE0504
646CY-120M	D75C	SD0704	SDQIE0504
646CY-150M	D75C	SD0705	SDQIE0504
646CY-180M	D75C	SD0706	SDQIE0504

Comp P/N	Comp Series	FPN	Falco Series
646CY-220M	D75C	SD0702	SDQIE0504
646CY-270M	D75C	SD0707	SDQIE0504
646CY-330M	D75C	SD0708	SDQIE0504
646CY-390M	D75C	SD0709	SDQIE0504
A921CY-100M	D63LCB	SS0401	SDSIE0403
A921CY-120M	D63LCB	SS0402	SDSIE0403
A921CY-150M	D63LCB	SS0403	SDSIE0403
A921CY-180M	D63LCB	SS0404	SDSIE0403
A921CY-220M	D63LCB	SS0405	SDSIE0403
A921CY-270M	D63LCB	SS0406	SDSIE0403
A921CY-330M	D63LCB	SS0407	SDSIE0403
A921CY-390M	D63LCB	SS0408	SDSIE0403
A921CY-470M	D63LCB	SS0409	SDSIE0403
A921CY-560M	D63LCB	SS0410	SDSIE0403
A921CY-680M	D63LCB	SS0411	SDSIE0403
TRLO TECHNOLOGY CO			
SDS-52H-150M	SDS-52H	SD5201	SD52
VISHAY DALE			
IHLP5050CERZ1R8V-01	IHLP5050CE-01	HC1203	HC1235
IHLP-5050CERZ1R0V-01	IHLP-5050CE-01	HC1202	HC1235
IHLP-5050CERZ600N	IHLP-5050CE-01	HC1201	HC1235
IHLP-5050EZRR100N-01	IHLP-5050EZ-01	HC4505	HC1245
IHLP-5050EZRR2R2N-01	IHLP-5050EZ-01	HC1206	HC1245
IHLP-5050EZRR1R5N-01	IHLP-5050EZ-01	HC1207	HC1245
IHLP-5050EZRR2R2N-01	IHLP-5050EZ-01	HC1208	HC1245
IHLP-5050FDRZ1R0V-01	IHLP-5050FD-01	HC1214	HC1260
IHLP-5050FDRZ1R5V-01	IHLP-5050FD-01	HC1215	HC1260
IHLP-5050FDRZ2R2V-01	IHLP-5050FD-01	HC1216	HC1260
IHLP-5050FDRZ3R3V-01	IHLP-5050FD-01	HC1217	HC1260
IHLP-5050FDRZR47N-01	IHLP-5050FD-01	HC1213	HC1260

Sample Kits



Falco offers a series of sample kits free of charge to qualified requests. Sample kits include a wide variety of parts that will aid in the development of your projects.

- *FREE Sample Kits for qualified requests
- Order online, easy registration, no credit card needed
- Make your own custom assortment online if other parts are required
- All parts featured on our web site or catalog are stocked worldwide for quick availability. Parts can be requested on-line
- Full specifications, competitor cross reference, and chipset compatibility available on web site
- Other Sample Kits available, visit our web site for complete list

* Valid only for qualified requests. Doesn't include shipping charges.

Telecom Magnetics

Falco Telecom sample kit which includes samples that support T1/E1/CEPT/SDN-PRI and T3/DS3/E3/STS-1 technologies. Falco Telecom parts meet or exceed all current safety agency UL1950 or EN60950 and leading transceiver ICs requirements.

Falco offers different surface mount package types that will support single, dual, and quad channels. This wide range of samples will help designers to quickly design in and meet a tight schedule.

LAN Magnetics

LAN Magnetics sample kit includes both LANJACK Magnetics and Discrete Magnetics in a variety of package platforms.

The LANJACK Magnetics package platforms range from single RJ45 with and without LED, to RJ45 plus dual USB 2.0 that supports 10/100 Base-TX and 1000 Base-TX. The Discrete Magnetics package platforms range from SOIC16 pins to 40 pin Quad surface mount that supports 10/100 Base-TX single port, 10/100 Base-TX quad ports and 1000 Base-TX.

Falco LANJACK and Discrete Magnetics samples meet or exceed signal integrity requirements as per industry standard IEEE802.3 and support most of major IC manufacturers. These samples allow the designer to quickly choose the right package for the application.

Power Magnetics

A complete Kit of power magnetics devices including common mode chokes, current sensors, gate drives and inductors for several applications in SMPS, AC/DC, DC/DC converters and others.

Different core sizes and shapes for low and high voltage and current applications are offered in this kit. Parts included meet IEC and UL/CSA standards.

Power Inductors Heli-Coil

Kit of shielded power inductors in surface mount version for applications such as buck/boost DC/DC converters, VRM's and graphics devices.

Inductance range from 500 nH to 10 μ H with rated currents between 6 and 30 Amps. Saturation current up to 63 Amps and low DCR is achieved by using helicoidal winding technique extending operation frequency up to 1 MHz for some applications.

Land sizes of 10x10 mm and 12x 12 mm with height profiles as low as 3.5 mm offered on 5 different product series lets the user select the best inductor for the application.

Power Inductors Shielded-THT

Kit of shielded power inductors in through hole mounting version for applications such as buck/boost DC/DC converters, VRM's and workstations. Inductance range from 475 nH to 5.83 μ H with rated currents between 8 and 31 Amps.

Sizes and core shapes available from 9.6 x 8.0 x 9.6 mm to 22.8 x 12.7 x 20 mm spread on 9 different series lets the user select the best inductor for the application.

Power Inductors Shielded-SMT

Kit of shielded power inductors in surface mount version for applications such as buck/boost DC/DC converters, VRM's and graphics devices. Inductance range from 300 nH to 47 μ H with rated currents between 0.5 and 30 Amps.

Sizes and core shapes available from 6.6 x 4.4 x 2.9 mm to 12.9 x 12.9 x 6.0 mm spread on 9 different series lets the user select the best inductor for the application.

Power Inductors Unshielded-SMT

Kit of unshielded power inductors in surface mount version for applications such as buck/boost DC/DC converters and VRM's. Inductances ranges from 560 nH to 47 μ H with rated currents between 0.5 and 20 Amps.

Sizes and core shapes available from 6.6 x 4.4 x 2.9 mm to 22.3 x 16.2 x 8.0 mm spread on 7 different series lets the user to choose the best inductor for the application.

Power Inductors for VRM / VRD

VRM/VRD Power Inductor sample kit includes Input and Output inductors to be used in Motherboard or VRM design. Parts included will support the power requirements demanded by the major CPU and memory manufactures. These inductors have been selected for their combined features of cost, efficiency, transient response, and physical size.

The VRM/VRD Power Inductor sample kit contains thru-hole and surface mount inductors. Included are input inductors from 1 μ H to 1.3 μ H with current ratings from 8 to 12 AMPS, and output inductors ranging from 300nH to 3 μ H with current ratings from 12 to 35 AMPS.

Company Profile

PRINCIPAL BUSINESS

Falco is principally a designer and manufacturer of a wide variety of magnetics-based electronic components and modules used for power conversion, metering, networking, and telecommunications. We primarily serve the UPS, power metering, personal computers, set-top box, and telecommunication industries. Falco is a preferred supplier because of its product definition capability, sourcing and manufacturing strength, and its ability to support its customers needs.

Falco began operations in the USA and Mexico in 1991 and set up manufacturing in China in 1996. In 2002, Falco significantly expanded its presence in China and opened sales offices in Singapore, Taiwan, and Italy. Falco is an ISO 9001 registered company by UL since 1997.

MISSION

To be one of the main independent suppliers of magnetics-based electronic components and modules.
To provide solutions and support to our customers from the design stage to mass production.

FEATURES

- Wide product range
- Design capabilities for power conversion, networking, and telecom applications
- Product Specification Sheet and First Article report sent with every sample
- Reference design wins with chipset manufacturers
- Pre-defined or customized sample kits available to order on web site
- All catalogue items in stock and can be requested via shopping cart on web site
- Environmental testing capabilities
- ISO 9001 by UL
- On-line system for order and delivery information
- Strategic supplier to major EMS
- Extensive EDI capabilities
- Local stocking to support JIT programs
- Manufacturing facilities in Mexico, China and India (2004)

PRODUCTS

TELECOM MAGNETICS

- ADSL/ADSL+/ADSL2+
- HDSL2/HDSL4, G.SHDSL, SHDSL
- T1/E1/CEPT/ISDN/PRI
- ISDN

POWER INDUCTORS

- Shielded - SMT
- Unshielded - SMT
- Shielded - THT
- Unshielded - THT

POWER MAGNETICS

- Common Mode Chokes
- Current Sensors
- Gate Drives
- Power Inductors
- Line Transformers

SPECIAL CAPABILITIES

- Large Inductor for Light Dimmers
- PC Board Assembly
- High Voltage Transformers
- Mechanical Assembly Modules
- Overmolding
- Mechanical Assembly Connectors

MANUFACTURING

Merida, Yucatan, Mexico: 7,500 square meter, 450 employees.
Xiamen, Fujian, China: 8,000 square meter, 1200 employees.
Bangalore, Karnataka, India: 3,200 square meter, 400 employees.

MANAGEMENT TEAM

David Gibellini	President
Don Feetham	VP of Sales
Fernando Amaro	Business Development Mgr

LAN MAGNETICS

- Discrete
- 10/100 Base - TX
- 10/100/1000 Base - TX
- LANJack**
- 10/100 Base - TX Single Port
- 10/100 Base - TX Multiport
- 10/100/1000 Base - TX Single Port

POWER FACTOR CORRECTORS

SMPS TRANSFORMERS

WATT HOUR METER CURRENT TRANSFORMERS

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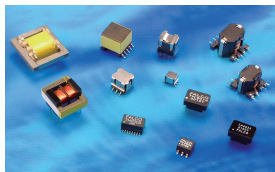
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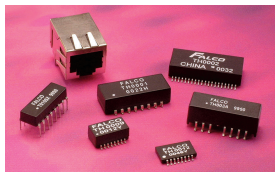
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Product Lines



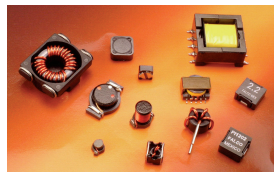
TELECOMMUNICATION MAGNETICS

FALCO provides components to the rapidly evolving and dynamic telecommunications industry. This includes xDSL, analog modems, T1/E1, T3/E3 and POTS products. These components are used for high and low-pass filtering, impedance matching and isolation for POTS, central office (CO) and customer premise equipment (CPE). New products are continually introduced to support the latest technologies developed by the leading telecommunications IC manufacturers. Components can be designed to meet worldwide agency approvals such as IEC 950, EN 60950, UL 1950 / CSA 950, BABT and AS/NZS32260.



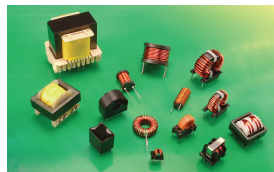
LAN MAGNETICS

FALCO supplies magnetics for LAN and WAN applications such as hubs, network interface cards, set-top boxes, notebooks and video game consoles. FALCO's components provide impedance matching, signal shaping/conditioning, high voltage isolation and common mode noise reduction for single port and multi port applications. New products are continually introduced to support the latest IC technology.



DC/DC APPLICATION MAGNETICS

FALCO supports most popular switching DC/DC ICs which power today's microprocessors, graphics processor units, memory, telecommunication circuitry and handheld devices. Our transformers and inductors are available in both through hole and surface mount packages. The focus is on providing the highest energy storage capability within the given mechanical and cost constraints.



POWER MAGNETICS

FALCO designs and manufactures electro-magnetic components used in flyback, forward converter, push pull and full bridge switch mode power supplies. Typical applications are power supplies within consumer set-top boxes, uninterruptible power supplies (UPS), medical equipment, telecommunication equipment, cable amplifiers and ballasts. Designs can meet safety agency approvals such as UL Class B through H, UL 1446, UL 1950, IEC 950, VDE and CSA22.2.

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Magnetic components for
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