

WURTH ELECTRONICS SMD Inductors



Midcom

SHIELDED TINY POWER INDUCTORS WE-TPC

Features:

- Extremely flat power inductor
- High current capability
- High reliability and perfect soldering characteristics because of an integrated soldering pad
- Magnetically shielded which results in a low leakage field
- Operating temperature range: 40°C up to +125°C

Applications:

- Portable power-like PDA, digital camera, PCMCIA-cards and displays
- DC/DC converter
- Recommended for switching regulator IC's from Linear Technology, National Semiconductor, Texas Instruments, and Fairchild Semiconductor

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wurth Electronics Part No.	Fig.	Inductance (uH)	DCR typ. (Ω)	DCR max. (Ω)	Rated Current (mA)	Saturation Current (mA)	Price Each			Reel	
								1	25	100	Qty.	Ea.
Type T												
710-74402800011	74402800011	A	0.11	0.013	0.018	4600	4800	2.04	1.70	1.27	1500	.68
710-74402800033	74402800033	A	0.33	0.027	0.035	3000	2400	2.04	1.70	1.27	1500	.68
710-74402800047	74402800047	A	0.47	0.036	0.042	2500	2000	2.04	1.70	1.27	1500	.68
710-74402800082	74402800082	A	0.82	0.053	0.065	2200	1600	2.04	1.70	1.27	1500	.68
710-744028001	744028001	A	1.00	0.065	0.085	1900	1500	2.04	1.70	1.27	1500	.68
710-744028002	744028002	A	2.20	0.125	0.155	1500	1000	2.04	1.70	1.27	1500	.68
710-744028003	744028003	A	3.30	0.185	0.220	1100	850	2.04	1.70	1.27	1500	.68
710-744028004	744028004	A	4.70	0.265	0.310	900	700	2.04	1.70	1.27	1500	.68
710-744028006	744028006	A	6.80	0.325	0.400	830	550	2.04	1.70	1.27	1500	.68
710-744028100	744028100	A	10.00	0.550	0.670	630	450	2.04	1.70	1.27	1500	.68
Type TH												
710-74402900011	74402900011	A	0.11	0.0110	0.0150	4800	5500	2.11	1.75	1.49	1200	.70
710-74402900033	74402900033	A	0.33	0.0230	0.0290	3200	2700	2.11	1.75	1.49	1200	.70
710-74402900047	74402900047	A	0.47	0.0290	0.0370	2800	2200	2.11	1.75	1.49	1200	.70
710-74402900082	74402900082	A	0.82	0.0360	0.0450	2600	1800	2.11	1.75	1.49	1200	.70
710-744029001	744029001	A	1.00	0.0450	0.0550	2500	1600	2.11	1.75	1.49	1200	.70
710-744029002	744029002	A	2.20	0.0880	0.1050	1700	1150	2.11	1.75	1.49	1200	.70
710-744029003	744029003	A	3.30	0.1100	0.1300	1400	950	2.11	1.75	1.49	1200	.70
710-744029004	744029004	A	4.70	0.1700	0.2000	1200	800	2.11	1.75	1.49	1200	.70
710-744029006	744029006	A	6.80	0.2500	0.3000	950	650	2.11	1.75	1.49	1200	.70
710-744029100	744029100	A	10.00	0.3900	0.4700	750	500	2.11	1.75	1.49	1200	.70
Type S												
710-744031001	744031001	B	1.5	0.04	0.047	1750	1550	1.92	1.59	1.35	1000	.63
710-744031002	744031002	B	2.5	0.05	0.058	1450	1250	1.92	1.59	1.35	1000	.63
710-744031003	744031003	B	3.6	0.066	0.085	1380	1100	1.92	1.59	1.35	1000	.63
710-744031004	744031004	B	4.7	0.09	0.105	1200	900	1.92	1.59	1.35	1000	.63
710-744031006	744031006	B	6.8	0.135	0.156	850	750	1.92	1.59	1.35	1000	.63
710-744031100	744031100	B	10	0.185	0.205	740	560	1.92	1.59	1.35	1000	.63
710-744031150	744031150	B	15	0.255	0.285	620	450	1.92	1.59	1.35	1000	.63
710-744031220	744031220	B	22	0.41	0.45	510	360	1.92	1.59	1.35	1000	.63
710-744031330	744031330	B	33	0.635	0.66	420	320	1.92	1.59	1.35	1000	.63
710-744031470	744031470	B	47	0.94	1	390	250	1.92	1.59	1.35	1000	.63
710-744031101	744031101	B	100	1.93	2.4	250	180	1.92	1.59	1.35	1000	.63
Type M												
710-744042001	744042001	B	1.0	0.0280	0.030	2700	2600	1.85	1.42	1.31	800	.61
710-7440420018	7440420018	B	1.8	0.0400	0.058	2350	2400	1.85	1.42	1.31	800	.61
710-7440420027	7440420027	B	2.7	0.0470	0.060	2030	2200	1.85	1.42	1.31	800	.61
710-744042003	744042003	B	3.3	0.0550	0.065	1950	1800	1.85	1.42	1.31	800	.61
710-7440420039	7440420039	B	3.9	0.0650	0.075	1820	1700	1.85	1.42	1.31	800	.61
710-744042004	744042004	B	4.7	0.0700	0.082	1720	1650	1.85	1.42	1.31	800	.61
710-744042005	744042005	B	5.6	0.0850	0.090	1640	1350	1.85	1.42	1.31	800	.61
710-744042006	744042006	B	6.8	0.0950	0.100	1500	1200	1.85	1.42	1.31	800	.61
710-744042008	744042008	B	8.2	0.1010	0.135	1400	1100	1.85	1.42	1.31	800	.61
710-744042100	744042100	B	10.0	0.1200	0.150	1300	1000	1.85	1.42	1.31	800	.61
Type MH												
710-74404300047	74404300047	B	0.47	0.01	0.016	3800	5000	2.04	1.70	1.44	500	1.02
710-74404300082	74404300082	B	0.82	0.014	0.018	3500	3700	2.04	1.70	1.44	500	1.02
710-7440430012	7440430012	B	1.2	0.0170	0.020	3100	2800	2.04	1.70	1.44	500	.85
710-7440430018	7440430018	B	1.8	0.0200	0.025	2700	2450	2.04	1.70	1.44	500	.85
710-7440430022	7440430022	B	2.2	0.0230	0.028	2500	2350	2.04	1.70	1.44	500	.85
710-7440430027	7440430027	B	2.7	0.0270	0.030	2350	1950	2.04	1.70	1.44	500	.85
710-744043003	744043003	B	3.3	0.0300	0.035	2150	1800	2.04	1.70	1.44	500	.85
710-7440430039	7440430039	B	3.9	0.0470	0.060	1720	1650	2.04	1.70	1.44	500	.85
710-744043004	744043004	B	4.7	0.0520	0.070	1550	1700	2.04	1.70	1.44	500	.85
710-744043005	744043005	B	5.6	0.0800	0.085	1380	1300	2.04	1.70	1.44	500	.85
710-744043006	744043006	B	6.8	0.0800	0.090	1300	1250	2.04	1.70	1.44	500	.85
710-744043008	744043008	B	8.2	0.0850	0.100	1250	1050	2.04	1.70	1.44	500	.85
710-744043100	744043100	B	10.0	0.0950	0.110	1190	1000	2.04	1.70	1.44	500	.85
710-744043120	744043120	B	12.0	0.1080	0.125	1120	950	2.04	1.70	1.44	500	.85
710-744043150	744043150	B	15.0	0.1240	0.150	1030	750	2.04	1.70	1.44	500	.85
710-744043180	744043180	B	18.0	0.1380	0.160	980	700	2.04	1.70	1.44	500	.85
710-744043220	744043220	B	22.0	0.1550	0.185	925	700	2.04	1.70	1.44	500	.85
710-744043330	744043330	B	33.0	0.1950	0.230	820	550	2.04	1.70	1.44	500	.85
710-744043470	744043470	B	47.0	0.2500	0.280	750	500	2.04	1.70	1.44	500	.85
710-744043680	744043680	B	68.0	0.3400	0.400	630	400	2.04	1.70	1.44	500	.85
710-744043101	744043101	B	100	0.5200	0.600	510	300	2.04	1.70	1.44	500	.85
Type L												
710-7440520012	7440520012	B	1.20	0.020	0.030	3000	3500	2.04	1.70	1.44	500	.85
710-7440520018	7440520018	B	1.80	0.024	0.035	2600	3000	2.04	1.70	1.44	500	.85
710-744052002	744052002	B	2.50	0.030	0.040	2400	2700	2.04	1.70	1.44	500	.85
710-744052003	744052003	B	3.00	0.035	0.045	2200	2400	2.04	1.70	1.44	500	.85
710-7440520039	7440520039	B	3.90	0.047	0.055	2000	2100	2.04	1.70	1.44	500	.85
710-744052005	744052005	B	5.00	0.047	0.060	1650	1800	2.04	1.70	1.44	500	.85
710-744052006	744052006	B	6.20	0.060	0.080	1450	1600	2.04	1.70	1.44	500	.85
710-744052007	744052007	B	7.50	0.070	0.090	1350	1500	2.04	1.70	1.44	500	.85
710-744052009	744052009	B	9.00	0.095	0.110	1250	1350	2.04	1.70	1.44	500	.85
710-744052100	744052100	B	10.00	0.106	0.130	1100	1250	2.04	1.70	1.44	500	.85

Dimensions: mm					
Type	A	B	C	D	E
T	2.8	2.8	1.1	0.9	0.9
TH	2.8	2.8	1.4	0.9	0.9
S	3.8	3.8	1.7	1.3	1.2
M	4.8	4.8	1.8	1.6	1.6
MH	4.8	4.8	2.8	1.6	1.6
L	5.8	5.8	1.8	1.9	2.0
LH	5.8	5.8	2.8	1.9	2.0
XL	10.0	10.0	2.8	3.2	7.4
XLH	10.0	10.0	3.8	3.2	7.4

