



WE-TPC Series — Shielded Low Profile Power Inductors



Features: • Extremely low height 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 • Recommended solder profile: Reflow

Applications: • Portable power devices like PDA, digital camera, PCMCIA cards and data displays • DC/DC converter • Embedded PC • Clocked power supply • Mobile data gathering, telemetric

Dimensions in mm

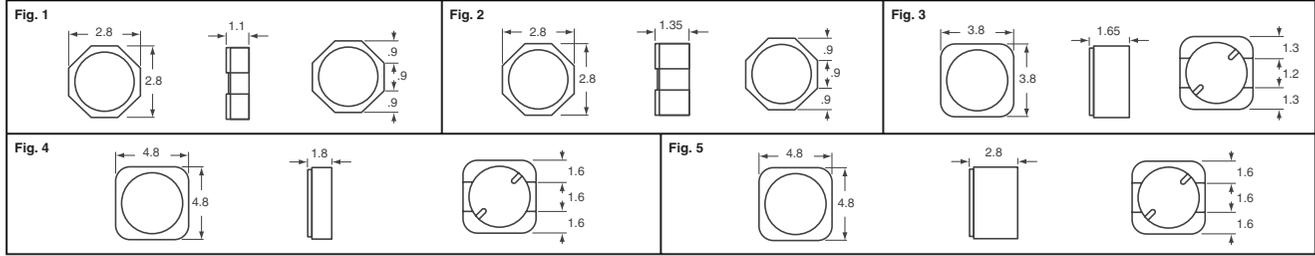


Fig.	Inductance (µH)	DCR Max. (Ω)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Würth Part No.	
					1	25	100	Qty.	Pricing		
T-Type											
1	0.11	0.018	4.6	732-1321-1-ND	2.11	1.77	1.50	—	—	74402800011	
	0.33	0.035	3.0	732-1322-1-ND	2.11	1.77	1.50	—	—	74402800033	
	0.47	0.042	2.5	732-1323-1-ND	2.11	1.77	1.50	—	—	74402800047	
	0.82	0.065	2.2	732-1324-1-ND	2.11	1.77	1.50	—	—	74402800082	
	3.3	0.220	1.1	732-1002-1-ND	2.11	1.77	1.50	1,500	706.15/M	744028003	
	4.7	0.310	0.9	732-1003-1-ND	2.11	1.77	1.50	1,500	706.15/M	744028004	
	6.8	0.400	0.83	732-1004-1-ND	2.11	1.77	1.50	—	—	744028006	
	10	0.670	0.63	732-1005-1-ND	2.11	1.77	1.50	1,500	706.15/M	744028100	
	15	0.830	0.55	732-2199-1-ND	2.11	1.77	1.50	1,500	704.08/M	744028150	
	22	1.48	0.4	732-2200-1-ND	2.11	1.77	1.50	1,500	704.08/M	744028220	
TH-Type											
2	0.11	0.016	5.0	732-1325-1-ND	2.18	1.82	1.55	—	—	74402900011	
	0.33	0.029	3.2	732-1326-1-ND	2.18	1.82	1.55	—	—	74402900033	
	0.47	0.037	2.8	732-1327-1-ND	2.18	1.82	1.55	—	—	74402900047	
	0.82	0.045	2.6	732-1328-1-ND	2.18	1.82	1.55	—	—	74402900082	
	1.0	0.055	2.5	732-1086-1-ND	2.18	1.82	1.55	1,200	724.78/M	744029001	
	2.2	0.105	1.7	732-1087-1-ND	2.18	1.82	1.55	1,200	724.78/M	744029002	
	3.3	0.130	1.4	732-1088-1-ND	2.18	1.82	1.55	1,200	724.78/M	744029003	
	4.7	0.200	1.2	732-1089-1-ND	2.18	1.82	1.55	1,200	724.78/M	744029004	
	6.8	0.300	0.95	732-1090-1-ND	2.18	1.82	1.55	—	—	744029006	
	10	0.470	0.75	732-1091-1-ND	2.18	1.82	1.55	1,200	724.78/M	744029100	
3	15	0.700	0.58	732-2201-1-ND	2.16	1.81	1.54	1,200	721.69/M	744029150	
	22	0.970	0.48	732-2202-1-ND	2.16	1.81	1.54	1,200	721.69/M	744029220	
	33	1.54	0.30	732-2203-1-ND	2.16	1.81	1.54	1,200	721.69/M	744029330	
	47	2.50	0.30	732-2204-1-ND	2.16	1.81	1.54	1,200	721.69/M	744029470	
S-Type											
3	1.5	0.047	1.75	732-1005-1-ND	2.11	1.76	1.50	1,000	702.99	744031001	
	2.5	0.058	1.45	732-1006-1-ND	2.11	1.76	1.50	1,000	702.99	744031002	
	3.6	0.085	1.38	732-1007-1-ND	2.11	1.76	1.50	1,000	702.99	744031003	
	4.7	0.105	1.2	732-1008-1-ND	2.11	1.76	1.50	1,000	702.99	744031004	
	6.8	0.156	0.85	732-1009-1-ND	2.11	1.76	1.50	1,000	702.99	744031006	
	10	0.205	0.74	732-1010-1-ND	2.11	1.76	1.50	1,000	702.99	744031100	
	15	0.285	0.62	732-1011-1-ND	2.11	1.76	1.50	1,000	702.99	744031150	
	22	0.450	0.51	732-1012-1-ND	2.11	1.76	1.50	1,000	702.99	744031220	
	33	0.660	0.42	732-1013-1-ND	2.11	1.76	1.50	1,000	702.99	744031330	
	47	1.0	0.39	732-1014-1-ND	2.11	1.76	1.50	1,000	702.99	744031470	
100	2.4	0.25	732-1015-1-ND	2.11	1.76	1.50	—	—	744031101		
M-Type											
4	1.0	0.030	2.7	732-1016-1-ND	1.86	1.56	1.33	800	596.25	744042001	
	1.8	0.058	2.35	732-1017-1-ND	1.86	1.56	1.33	800	596.25	7440420018	
	2.7	0.06	2.03	732-1018-1-ND	1.86	1.56	1.33	800	596.25	744042002	
	3.3	0.065	1.95	732-1019-1-ND	1.86	1.56	1.33	800	596.25	744042003	
	3.9	0.075	1.82	732-1020-1-ND	1.86	1.56	1.33	—	—	7440420039	
	4.7	0.082	1.72	732-1021-1-ND	1.86	1.56	1.33	800	596.25	744042004	
	5.6	0.09	1.64	732-1022-1-ND	1.86	1.56	1.33	—	—	744042005	
	6.8	0.1	1.5	732-1023-1-ND	1.86	1.56	1.33	800	596.25	744042006	
	8.2	0.135	1.4	732-1024-1-ND	1.86	1.56	1.33	800	596.25	744042008	
	10	0.15	1.3	732-1025-1-ND	1.86	1.56	1.33	800	596.25	744042100	
MH-Type											
5	1.2	0.020	3.1	732-1093-1-ND	1.97	1.65	1.40	500	411.50	7440430012	
	1.8	0.025	2.7	732-1094-1-ND	1.97	1.65	1.40	—	—	7440430018	
	2.2	0.028	2.5	732-1095-1-ND	1.97	1.65	1.40	500	411.50	7440430022	
	2.7	0.03	2.35	732-1096-1-ND	1.97	1.65	1.40	—	—	7440430027	
	3.3	0.035	2.15	732-1097-1-ND	1.97	1.65	1.40	500	411.50	744043003	
	3.9	0.06	1.72	732-1098-1-ND	1.97	1.65	1.40	—	—	7440430039	
	4.7	0.07	1.55	732-1099-1-ND	1.97	1.65	1.40	500	411.50	744043004	
	6.8	0.09	1.3	732-1101-1-ND	1.97	1.65	1.40	500	411.50	744043006	
	8.2	0.1	1.25	732-1102-1-ND	1.97	1.65	1.40	500	411.50	744043008	
	10	0.11	1.19	732-1103-1-ND	1.97	1.65	1.40	500	411.50	744043100	
6	12	0.125	1.12	732-1104-1-ND	1.97	1.65	1.40	500	411.50	744043120	
	15	0.15	1.03	732-1105-1-ND	1.97	1.65	1.40	500	411.50	744043150	
	18	0.16	0.98	732-1106-1-ND	1.97	1.65	1.40	—	—	744043180	
	22	0.185	0.925	732-1107-1-ND	1.97	1.65	1.40	500	411.50	744043220	
	33	0.230	0.82	732-1108-1-ND	1.97	1.65	1.40	500	411.50	744043330	
	47	0.280	0.75	732-1109-1-ND	1.97	1.65	1.40	500	411.50	744043470	
	68	0.400	0.63	732-1110-1-ND	1.97	1.65	1.40	500	411.50	744043680	
	100	0.600	0.51	732-1111-1-ND	1.97	1.65	1.40	500	411.50	744043101	
	L-Type										
	6	1.2	0.03	3.0	732-1026-1-ND	1.97	1.65	1.40	—	—	7440520012
1.8		0.035	2.6	732-1027-1-ND	1.97	1.65	1.40	500	411.50	7440520018	
2.5		0.04	2.4	732-1028-1-ND	1.97	1.65	1.40	500	411.50	744052002	
3.0		0.045	2.2	732-1029-1-ND	1.97	1.65	1.40	500	411.50	744052003	
5.0		0.06	1.65	732-1031-1-ND	1.97	1.65	1.40	500	411.50	744052005	

Fig.	Inductance (µH)	DCR Max. (Ω)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Würth Part No.	
					1	25	100	Qty.	Pricing		
6	6.2	0.08	1.45	732-1032-1-ND	1.97	1.65	1.40	—	—	744052006	
	7.5	0.09	1.35	732-1033-1-ND	1.97	1.65	1.40	—	—	744052007	
	9.0	0.11	1.25	732-1034-1-ND	1.97	1.65	1.40	—	—	744052009	
	10	0.13	1.1	732-1035-1-ND	1.97	1.65	1.40	500	411.50	744052100	
LH-Type											
7	2.6	0.03	3.0	732-1036-1-ND	2.07	1.73	1.47	400	379.83	744053002	
	4.0	0.035	2.5	732-1038-1-ND	2.18	1.82	1.55	—	—	744053004	
	4.7	0.038	2.4	732-1039-1-ND	2.07	1.73	1.47	400	379.83	7440530047	
	5.3	0.04	2.3	732-1040-1-ND	2.07	1.73	1.47	—	—	744053005	
	6.2	0.045	2.2	732-1041-1-ND	2.07	1.73	1.47	400	379.83	744053006	
	8.2	0.055	2.1	732-1042-1-ND	2.07	1.73	1.47	400	379.83	744053008	
	10	0.07	1.5	732-1043-1-ND	2.07	1.73	1.47	400	379.83	744053100	
	12	0.08	1.46	732-1044-1-ND	2.07	1.73	1.47	—	—	744053120	
	15	0.1	1.38	732-1045-1-ND	2.07	1.73	1.47	400	379.83	744053150	
	18	0.11	1.25	732-1046-1-ND	2.07	1.73	1.47	400	379.83	744053180	
8	22	0.12	1.15	732-1047-1-ND	2.07	1.73	1.47	400	379.83	744053220	
	27	0.16	1.05	732-1048-1-ND	2.07	1.73	1.47	400	379.83	744053270	
	33	0.19	0.90	732-1049-1-ND	2.07	1.73	1.47	400	379.83	744053330	
	47	0.25	0.82	732-1050-1-ND	2.07	1.73	1.47	400	379.83	744053470	
	68	0.35	0.62	732-1051-1-ND	2.07	1.73	1.47	400	379.83	744053680	
	100	0.48	0.45	732-1052-1-ND	2.07	1.73	1.47	400	379.83	744053101	
	XL-Type										
	9	1.0	0.0065	8.0	732-1053-1-ND	2.43	2.03	1.72	—	—	744065001
		1.5	0.01	7.2	732-1054-1-ND	2.43	2.03	1.72	—	—	7440650015
		2.2	0.015	6.2	732-1055-1-ND	2.43	2.03	1.72	1,000	808.36	7440650022
3.3		0.02	5.3	732-1056-1-ND	2.43	2.03	1.72	—	—	7440650033	
4.7		0.023	4.6	732-1057-1-ND	2.43	2.03	1.72	1,000	808.36	7440650047	
6.8											