



WE-PD Series — Shielded Power SMD Inductors



Features: • Magnetically shielded version which results in a low leakage field • High storage capacity • Low self-losses
 • Highest possible current loading for SMD inductors • Operating temperature: -40°C ~ 125°C • Recommended solder profile: Reflow

Applications:
 • Switching regulators with low operating voltages (computer, laptop, mobile phones, pagers) • Integrated DC/DC converter
 • Perfectly suitable for switching regulators with extremely high efficiency (>86%) • Graphics cards

Dimensions in mm

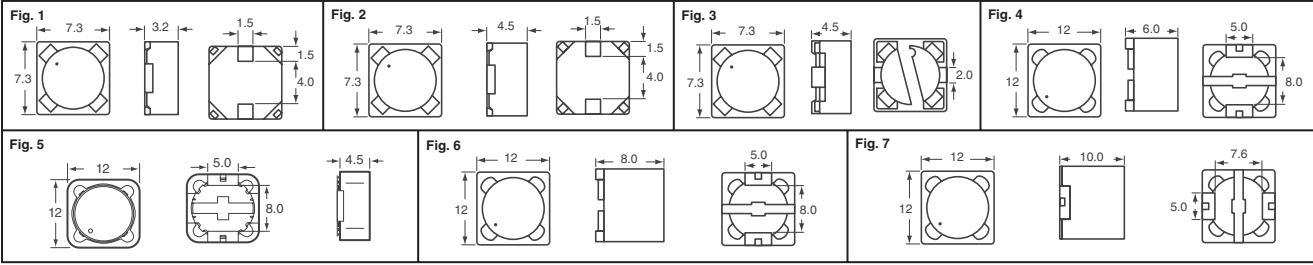


Fig.	Inductance (µH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reelf		Würth Part No.
					1	25	100	Qty.	Pricing	
S-Type										
1	2.0	12	5.37	732-1172-1-ND	2.23	1.86	1.58	1,000	743.49	7447789001
	1.2	20	4.02	732-1173-1-ND	2.23	1.86	1.58	1,000	743.49	7447789002
	3.3	30	3.42	732-1174-1-ND	2.23	1.86	1.58	1,000	743.49	7447789003
	4.7	35	2.90	732-1175-1-ND	2.23	1.86	1.58	1,000	743.49	7447789004
	6.8	44	2.50	732-1176-1-ND	2.23	1.86	1.58	1,000	743.49	7447789006
	10.0	72	1.83	732-1177-1-ND	2.23	1.86	1.58	1,000	743.49	744778910
	12.0	98	1.73	732-1178-1-ND	2.11	1.76	1.50	—	—	7447789112
	18.0	140	1.41	732-1179-1-ND	2.23	1.86	1.58	1,000	743.49	7447789118
	22.0	190	1.38	732-1180-1-ND	2.23	1.86	1.58	1,000	743.49	7447789122
	33.0	240	1.22	732-1181-1-ND	2.23	1.86	1.58	1,000	743.49	7447789133
	39.0	320	1.03	732-1182-1-ND	2.11	1.76	1.50	—	—	7447789139
	47.0	360	0.85	732-1183-1-ND	2.23	1.86	1.58	1,000	743.49	7447789147
	56.0	470	0.84	732-1388-1-ND	2.23	1.86	1.58	1,000	743.49	7447789156
	68.0	520	0.74	732-1184-1-ND	2.23	1.86	1.58	1,000	743.49	7447789168
82.0	690	0.69	732-1389-1-ND	2.11	1.76	1.50	—	—	7447789182	
100.0	790	0.62	732-1185-1-ND	2.23	1.86	1.58	1,000	743.49	744778920	
M-Type										
2	2.0	11	5.30	732-1186-1-ND	2.33	1.95	1.66	1,000	776.53	744779001
	1.2	20	4.20	732-1187-1-ND	2.33	1.95	1.66	1,000	776.53	744779002
	3.3	30	3.30	732-1188-1-ND	2.33	1.95	1.66	1,000	776.53	744779003
	4.7	32	3.16	732-1189-1-ND	2.33	1.95	1.66	1,000	776.53	744779004
	6.8	35	2.91	732-1190-1-ND	2.33	1.95	1.66	1,000	776.53	744779006
	10.0	49	2.00	732-1191-1-ND	2.33	1.95	1.66	1,000	776.53	74477910
	12.0	58	1.82	732-1192-1-ND	2.33	1.95	1.66	1,000	776.53	744779112
	18.0	91	1.50	732-1193-1-ND	2.21	1.85	1.58	—	—	744779118
	22.0	110	1.41	732-1194-1-ND	2.33	1.95	1.66	1,000	776.53	744779122
	33.0	170	1.13	732-1195-1-ND	2.33	1.95	1.66	1,000	776.53	744779133
	39.0	230	1.11	732-1196-1-ND	2.21	1.85	1.58	—	—	744779139
	47.0	260	1.03	732-1197-1-ND	2.33	1.95	1.66	1,000	776.53	744779147
	56.0	350	0.93	732-1390-1-ND	2.21	1.85	1.58	—	—	744779156
	68.0	380	0.87	732-1198-1-ND	2.33	1.95	1.66	1,000	776.53	744779168
82.0	430	0.84	732-1202-1-ND	2.33	1.95	1.66	1,000	776.53	744779182	
100.0	610	0.79	732-1199-1-ND	2.33	1.95	1.66	1,000	776.53	74477920	
L-Type										
3	10.0	49	2.00	732-1200-1-ND	2.33	1.95	1.66	1,000	776.53	74477710
	22.0	110	1.41	732-1201-1-ND	2.08	1.74	1.48	1,000	693.92	744777122
LS-Type										
4	1.50	6	10.50	732-1203-1-ND	2.69	2.25	1.91	—	—	744771001
	2.20	8	10.00	732-1204-1-ND	2.83	2.36	2.01	500	588.60	744771002
	4.70	11	8.25	732-1206-1-ND	2.83	2.36	2.01	500	588.60	744771004
	8.20	20	6.25	732-1207-1-ND	2.83	2.36	2.01	500	588.60	744771008
	10.0	25	5.00	732-1208-1-ND	2.83	2.36	2.01	500	588.60	74477110
	12.0	27	3.91	732-1209-1-ND	2.83	2.36	2.01	500	588.60	744771112
	18.0	34	3.48	732-1210-1-ND	2.83	2.36	2.01	500	588.60	744771118
	22.0	36	3.37	732-1211-1-ND	2.83	2.36	2.01	500	588.60	744771122
	33.0	57	2.68	732-1212-1-ND	2.83	2.36	2.01	500	588.60	744771133
	39.0	68	2.49	732-1213-1-ND	2.83	2.36	2.01	500	588.60	744771139
5	47.0	75	2.21	732-1214-1-ND	2.83	2.36	2.01	500	588.60	744771147
	56.0	110	2.01	732-1391-1-ND	2.83	2.36	2.01	500	588.60	744771156
	68.0	120	1.91	732-1215-1-ND	2.83	2.36	2.01	500	588.60	744771168
	82.0	140	1.65	732-1392-1-ND	2.83	2.36	2.01	500	588.60	744771182
	100.0	160	1.53	732-1216-1-ND	2.83	2.36	2.01	500	588.60	74477120
	1.00	7.0	8.50	732-2198-1-ND	2.48	2.07	1.76	500	516.31	7447715910
	1.80	9.5	7.60	732-2185-1-ND	2.48	2.07	1.76	500	516.31	7447715001
	2.50	11.0	6.80	732-2186-1-ND	2.48	2.07	1.76	500	516.31	7447715002
	3.30	13.0	5.90	732-2187-1-ND	2.48	2.07	1.76	500	516.31	7447715003
	4.70	16.0	5.20	732-2188-1-ND	2.48	2.07	1.76	500	516.31	7447715004
6.80	25.0	4.30	732-2189-1-ND	2.48	2.07	1.76	500	516.31	7447715006	
10.00	30.0	3.80	732-2190-1-ND	2.48	2.07	1.76	500	516.31	7447715100	

Fig.	Inductance (µH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reelf		Würth Part No.
					1	25	100	Qty.	Pricing	
5	12.00	38.0	3.50	732-2192-1-ND	2.48	2.07	1.76	500	516.31	7447715120
	18.00	43.0	3.20	732-2193-1-ND	2.48	2.07	1.76	500	516.31	7447715180
	22.00	54.0	2.90	732-2194-1-ND	2.48	2.07	1.76	500	516.31	7447715220
	33.00	85.0	2.30	732-2196-1-ND	2.48	2.07	1.76	500	516.31	7447715330
	47.00	125.0	1.95	732-2197-1-ND	2.48	2.07	1.76	500	516.31	7447715470
	100.00	270.0	1.30	732-2191-1-ND	2.48	2.07	1.76	500	516.31	7447715101
220.00	480.0	0.95	732-2195-1-ND	2.48	2.07	1.76	500	516.31	7447715221	
XL-Type										
6	2.4	12	10.10	732-1219-1-ND	2.87	2.40	2.04	500	598.92	74477002
	3.5	14	8.90	732-1220-1-ND	2.74	2.29	1.95	—	—	74477003
	4.7	16	8.50	732-1221-1-ND	2.87	2.40	2.04	500	598.92	74477004
	6.1	18	7.60	732-1222-1-ND	2.87	2.40	2.04	500	598.92	74477006
	10.0	22	6.20	732-1223-1-ND	2.87	2.40	2.04	500	598.92	74477010
	12.0	24	5.90	732-1224-1-ND	2.87	2.40	2.04	500	598.92	744770112
	15.0	27	5.00	732-1225-1-ND	2.87	2.40	2.04	500	598.92	744770115
	18.0	39	4.20	732-1226-1-ND	2.74	2.29	1.95	—	—	744770118
	22.0	43	4.10	732-1227-1-ND	2.87	2.40	2.04	500	598.92	744770122
	27.0	46	3.70	732-1228-1-ND	2.87	2.40	2.04	500	598.92	744770127
	33.0	64	3.20	732-1229-1-ND	2.87	2.40	2.04	500	598.92	744770133
	47.0	100	2.70	732-1231-1-ND	2.87	2.40	2.04	500	598.92	744770147
	56.0	110	2.40	732-1232-1-ND	2.74	2.29	1.95	—	—	744770156
	68.0	140	2.30	732-1233-1-ND	2.87	2.40	2.04	500	598.92	744770168
100.0	220	2.20	732-1235-1-ND	2.87	2.40	2.04	500	598.92	74477020	
180.0	350	1.40	732-1687-1-ND	2.87	2.40	2.04	500	598.92	744770218	
220.0	390	1.30	732-1688-1-ND	2.87	2.40	2.04	500	598.92	744770222	
330.0	640	1.10	732-1689-1-ND	2.87	2.40	2.04	500	598.92	744770233	
470.0	980	0.90	732-1690-1-ND	2.87	2.40	2.04	500	598.92	744770247	
560.0	1,070	0.80	732-1691-1-ND	2.87	2.40	2.04	500	598.92	744770256	
680.0	1,460	0.70	732-1692-1-ND	2.87	2.40	2.04	500	598.92	744770268	
820.0	1,640	0.60	732-1693-1-ND	2.87	2.40	2.04	500	598.92	744770282	
1,000.0	1,820	0.60	732-1694-1-ND	2.87	2.40	2.04	500	598.92	74477030	
XXL-Type										
7	2.2	6	11.50	732-1237-1-ND	3.33	2.78	2.36	—	—	7447709002
	3.5	8.5	11.00	732-1238-1-ND	3.33	2.78	2.36	—	—	7447709003
	6.8	14	8.40	732-1240-1-ND	3.47	2.90	2.46	250	397.56	7447709006
	10.0	21	7.10	732-1241-1-ND	3.47	2.90	2.46	250	397.56	7447709100
	15.0	26	6.50	732-1242-1-ND	3.47	2.90	2.46	250	397.56	7447709150
	22.0	28	5.30	732-1243-1-ND	3.47	2.90	2.46	250	397.56	7447709220
	33.0	45	4.20	732-1244-1-ND	3.47	2.90	2.46	250	397.56	7447709330
	39.0	56	4.10	732-1245-1-ND	3.47	2.90	2.46			