



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

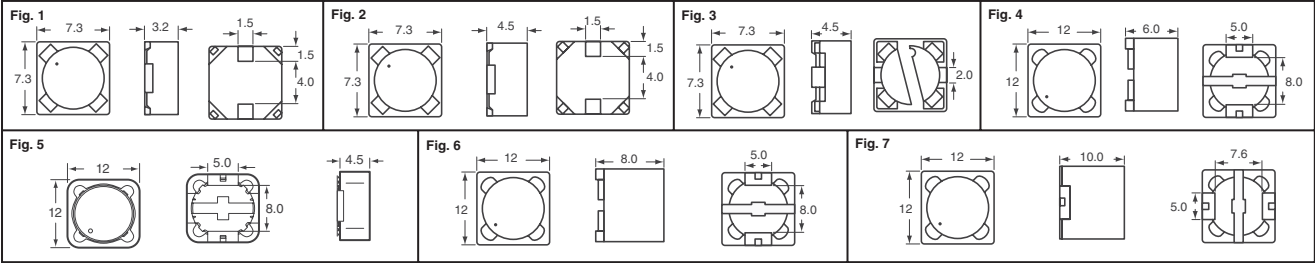


Fig.	Inductance (μH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Würth Part No.	
					1	25	100	Qty.	Pricing		
S-Type											
1	1.0	12	5.37	732-1172-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789001	
	2.2	20	4.02	732-1173-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789002	
	3.3	30	3.42	732-1174-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789003	
	4.7	35	2.90	732-1175-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789004	
	6.8	44	2.50	732-1176-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789006	
	10.0	72	1.83	732-1177-1-ND	3.80	3.17	2.70	1,000	1267.20	744778910	
	12.0	98	1.73	732-1178-1-ND	3.60	3.00	2.55	—	—	7447789112	
	18.0	140	1.41	732-1179-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789118	
	22.0	190	1.38	732-1180-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789122	
	33.0	240	1.22	732-1181-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789133	
	39.0	320	1.03	732-1182-1-ND	3.60	3.00	2.55	—	—	7447789139	
	47.0	360	0.85	732-1183-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789147	
	56.0	470	0.84	732-1388-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789156	
	68.0	520	0.74	732-1184-1-ND	3.80	3.17	2.70	1,000	1267.20	7447789168	
	82.0	690	0.69	732-1389-1-ND	3.60	3.00	2.55	—	—	7447789182	
	100.0	790	0.62	732-1185-1-ND	3.80	3.17	2.70	1,000	1267.20	744778920	
M-Type											
2	1.0	11	5.30	732-1186-1-ND	3.97	3.31	2.82	1,000	1323.52	744779001	
	2.2	20	4.20	732-1187-1-ND	3.97	3.31	2.82	1,000	1323.52	744779002	
	3.3	30	3.30	732-1188-1-ND	3.97	3.31	2.82	1,000	1323.52	744779003	
	4.7	32	3.16	732-1189-1-ND	3.97	3.31	2.82	1,000	1323.52	744779004	
	6.8	35	2.91	732-1190-1-ND	3.97	3.31	2.82	1,000	1323.52	744779006	
	10.0	49	2.00	732-1191-1-ND	3.97	3.31	2.82	1,000	1323.52	74477910	
	12.0	58	1.82	732-1192-1-ND	3.97	3.31	2.82	1,000	1323.52	744779112	
	18.0	91	1.50	732-1193-1-ND	3.77	3.15	2.68	—	—	744779118	
	22.0	110	1.41	732-1194-1-ND	3.97	3.31	2.82	1,000	1323.52	744779122	
	33.0	170	1.13	732-1195-1-ND	3.97	3.31	2.82	1,000	1323.52	744779133	
	39.0	230	1.11	732-1196-1-ND	3.77	3.15	2.68	—	—	744779139	
	47.0	260	1.03	732-1197-1-ND	3.97	3.31	2.82	1,000	1323.52	744779147	
	56.0	350	0.93	732-1390-1-ND	3.77	3.15	2.68	—	—	744779156	
	68.0	380	0.87	732-1198-1-ND	3.97	3.31	2.82	1,000	1323.52	744779168	
	82.0	430	0.84	732-1202-1-ND	3.97	3.31	2.82	1,000	1323.52	744779182	
	100.0	610	0.79	732-1199-1-ND	3.97	3.31	2.82	1,000	1323.52	74477920	
L-Type											
3	10.0	49	2.00	732-1200-1-ND	3.97	3.31	2.82	1,000	1323.52	74477710	
	22.0	110	1.41	732-1201-1-ND	3.55	2.96	2.52	1,000	1182.72	744777122	
	L-Type										
	4	1.50	6	10.50	732-1203-1-ND	4.59	3.83	3.26	—	—	744771001
		2.20	8	10.00	732-1204-1-ND	4.82	4.02	3.42	500	1003.20	744771002
4.70		11	8.25	732-1206-1-ND	4.82	4.02	3.42	500	1003.20	744771004	
8.20		20	6.25	732-1207-1-ND	4.82	4.02	3.42	500	1003.20	744771008	
10.0		25	5.00	732-1208-1-ND	4.82	4.02	3.42	500	1003.20	74477110	
12.0		27	3.91	732-1209-1-ND	4.82	4.02	3.42	500	1003.20	744771112	
18.0		34	3.48	732-1210-1-ND	4.82	4.02	3.42	500	1003.20	744771118	
22.0		36	3.37	732-1211-1-ND	4.82	4.02	3.42	500	1003.20	744771122	
33.0		57	2.68	732-1212-1-ND	4.82	4.02	3.42	500	1003.20	744771133	
39.0		68	2.49	732-1213-1-ND	4.82	4.02	3.42	500	1003.20	744771139	
47.0		75	2.21	732-1214-1-ND	4.82	4.02	3.42	500	1003.20	744771147	
56.0		110	2.01	732-1391-1-ND	4.82	4.02	3.42	500	1003.20	744771156	
68.0		120	1.91	732-1215-1-ND	4.82	4.02	3.42	500	1003.20	744771168	
82.0		140	1.65	732-1392-1-ND	4.82	4.02	3.42	500	1003.20	744771182	
100.0		160	1.53	732-1216-1-ND	4.82	4.02	3.42	500	1003.20	74477120	
LS-Type											
5	1.00	7.0	8.50	732-2198-1-ND	4.22	3.52	3.00	500	880.00	7447715910	
	1.80	9.5	7.60	732-2185-1-ND	4.22	3.52	3.00	500	880.00	7447715001	
	2.50	11.0	6.80	732-2186-1-ND	4.22	3.52	3.00	500	880.00	7447715002	
	3.30	13.0	5.90	732-2187-1-ND	4.22	3.52	3.00	500	880.00	7447715003	
	4.70	16.0	5.20	732-2188-1-ND	4.22	3.52	3.00	500	880.00	7447715004	
	6.80	25.0	4.30	732-2189-1-ND	4.22	3.52	3.00	500	880.00	7447715006	
10.00	30.0	3.80	732-2190-1-ND	4.22	3.52	3.00	500	880.00	7447715100		

Fig.	Inductance (μH)	DCR Max. (mΩ)	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Würth Part No.	
					1	25	100	Qty.	Pricing		
5	12.00	38.0	3.50	732-2192-1-ND	4.22	3.52	3.00	500	880.00	7447715120	
	18.00	43.0	3.20	732-2193-1-ND	4.22	3.52	3.00	500	880.00	7447715180	
	22.00	54.0	2.90	732-2194-1-ND	4.22	3.52	3.00	500	880.00	7447715220	
	33.00	85.0	2.30	732-2196-1-ND	4.22	3.52	3.00	500	880.00	7447715330	
	47.00	125.0	1.95	732-2197-1-ND	4.22	3.52	3.00	500	880.00	7447715470	
	100.00	270.0	1.30	732-2191-1-ND	4.22	3.52	3.00	500	880.00	7447715101	
	220.00	480.0	0.95	732-2195-1-ND	4.22	3.52	3.00	500	880.00	7447715221	
	XL-Type										
	6	2.4	12	10.10	732-1219-1-ND	4.90	4.09	3.48	500	1020.80	74477002
		3.5	14	8.90	732-1220-1-ND	4.67	3.90	3.32	—	—	74477003
4.7		16	8.50	732-1221-1-ND	4.90	4.09	3.48	500	1020.80	74477004	
6.1		18	7.60	732-1222-1-ND	4.90	4.09	3.48	500	1020.80	74477006	
10.0		22	6.20	732-1223-1-ND	4.90	4.09	3.48	500	1020.80	74477010	
12.0		24	5.90	732-1224-1-ND	4.90	4.09	3.48	500	1020.80	744770112	
15.0		27	5.00	732-1225-1-ND	4.90	4.09	3.48	500	1020.80	744770115	
18.0		39	4.20	732-1226-1-ND	4.67	3.90	3.32	—	—	744770118	
22.0		43	4.10	732-1227-1-ND	4.90	4.09	3.48	500	1020.80	744770122	
27.0		46	3.70	732-1228-1-ND	4.90	4.09	3.48	500	1020.80	744770127	
33.0		64	3.20	732-1229-1-ND	4.90	4.09	3.48	500	1020.80	744770133	
47.0		100	2.70	732-1231-1-ND	4.90	4.09	3.48	500	1020.80	744770147	
56.0		110	2.40	732-1232-1-ND	4.67	3.90	3.32	—	—	744770156	
68.0		140	2.30	732-1233-1-ND	4.90	4.09	3.48	500	1020.80	744770168	
100.0		220	2.20	732-1235-1-ND	4.90	4.09	3.48	500	1020.80	74477020	
180.0		350	1.40	732-1687-1-ND	4.90	4.09	3.48	500	1020.80	744770218	
220.0		390	1.30	732-1688-1-ND	4.90	4.09	3.48	500	1020.80	744770222	
330.0		640	1.10	732-1689-1-ND	4.90	4.09	3.48	500	1020.80	744770233	
470.0		980	0.90	732-1690-1-ND	4.90	4.09	3.48	500	1020.80	744770247	
560.0		1,070	0.80	732-1691-1-ND	4.90	4.09	3.48	500	1020.80	744770256	
680.0		1,460	0.70	732-1692-1-ND	4.90	4.09	3.48	500	1020.80	744770268	
820.0		1,640	0.60	732-1693-1-ND	4.90	4.09	3.48	500	1020.80	744770282	
1,000.0	1,820	0.60	732-1694-1-ND	4.90	4.09	3.48	500	1020.80	74477030		
XXL-Type											
7	2.2	6	11.50	732-1237-1-ND	5.67	4.73	4.02	—	—	7447709002	
	3.5	8.5	11.00	732-1238-1-ND	5.67	4.73	4.02	—	—	7447709003	
	6.8	14	8.40	732-1240-1-ND	5.91	4.93	4.19	250	677.60	7447709006	
	10.0	21	7.10	732-1241-1-ND	5.91	4.93	4.19	250	677.60	7447709100	
	15.0	26	6.50	732-1242-1-ND	5.91	4.93	4.19	250	677.60	7447709150	
	22.0	28	5.30	732-1243-1-ND	5.91	4.93	4.19	250	677.60	7447709220	
	33.0	45	4.20	732-1244-1-ND	5.91	4.93	4.19	250	677.60	7447709330	
	39.0	56	4.10	732-1245-1-ND	5.91	4.93	4.19	250	677.60	7447709390	
	47.0	60	3.80	732-1246-1-ND	5.91	4.93	4.19	250	677.60	7447709470	
	68.0	88.5	3.20	732-1247-1-ND	5.91	4.93	4.19	250	677.60	7447709680	
	100.0	110	2.50	732-1248-1-ND	5.91	4.93	4.19	250	677.60	7447709101	
	150.0	200	2.10	732-1695-1-ND	5.91	4.93	4.19	250	677.60	7447709151	
	220.0	300	1.80	732-1696-1-ND	5.91	4.93	4.19	250	677.60	7447709221	
	270.0	330	1.60	732-1697-1-ND	5.91	4.93	4.19	250	677.60	7447709271	