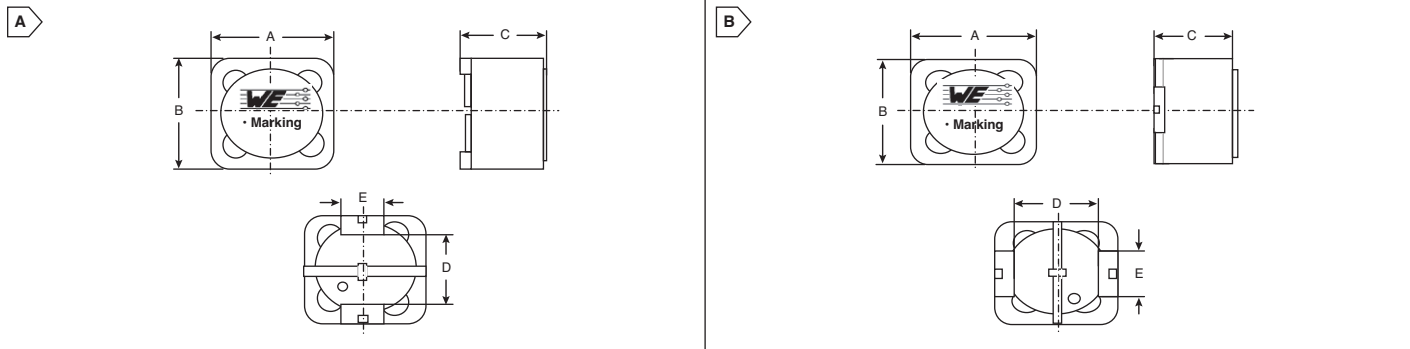


WURTH ELECTRONICS SMD Inductors



RoHS Compliant This product is RoHS compliant.



POWER INDUCTORS WE-PD (CONT.)

Characteristics:

- 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 to +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%)
- Graphic cards
- Plastic base: Because of the one piece construction these are more suitable for high vibration or shock applications

DIMENSIONS: mm						
Size	A	B	C	D	E	Base
1280	12.0	12.0	8.0	8.0	5.0	Metal
1210	12.0	12.0	10.0	7.6	5.0	Metal

Design Kits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Description	Price Each
710-744778	744778	Sample Kit for WE-PD small sizes, 6033/7332	141.69
710-744777	744777	Sample Kit for WE-PD medium sizes, 7345/1260	131.34
710-744770	744770	Sample Kit for WE-PD big sizes, 1280/1210	118.16

1280

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Fig.	Base	Inductance (µH)	Rated Current (A)	Saturation Current (A)	DC Resist. (Ω)	DC Resist. Typical (Ω)	Self Resonant Freq. (MHz)	Price Each			Reel Qty.	Price per Piece
										1	25	100		
710-74477001	74477001	A	Metal	1.2	12.0	16.6	0.007	0.005	45	2.53	2.39	2.25	500	2.24
710-744770015	744770015	A	Metal	1.5	10.0	12.0	0.006	-	42	2.53	2.39	2.25	500	2.24
710-74477002	74477002	A	Metal	2.4	10.1	14.3	0.012	0.009	41	2.53	2.39	2.25	500	2.24
710-74477003	74477003	A	Metal	3.5	8.9	9.6	0.014	0.011	37.5	2.53	2.39	2.25	500	2.24
710-74477004	74477004	A	Metal	4.7	8.5	9.3	0.016	0.012	31.2	2.53	2.39	2.25	500	2.24
710-74477006	74477006	A	Metal	6.1	7.6	8.6	0.018	0.015	25	2.53	2.39	2.25	500	2.24
710-74477010	74477010	A	Metal	10	6.2	6.6	0.022	0.019	18	2.53	2.39	2.25	500	2.24
710-744770112	744770112	A	Metal	12	5.9	6.3	0.024	0.021	16	2.53	2.39	2.25	500	2.24
710-744770115	744770115	A	Metal	15	5.0	6.0	0.027	0.024	14.5	2.53	2.39	2.25	500	2.24
710-744770118	744770118	A	Metal	18	4.2	5.4	0.039	0.032	13.2	2.53	2.39	2.25	500	2.24
710-744770122	744770122	A	Metal	22	4.1	5.0	0.043	0.033	12	2.53	2.39	2.25	500	2.24
710-744770127	744770127	A	Metal	27	3.7	3.8	0.046	0.035	10	2.53	2.39	2.25	500	2.24
710-744770133	744770133	A	Metal	33	3.2	3.6	0.064	0.047	8.5	2.53	2.39	2.25	500	2.24
710-744770139	744770139	A	Metal	39	3.0	3.5	0.073	0.053	8.2	2.53	2.39	2.25	500	2.24
710-744770147	744770147	A	Metal	47	2.7	3.0	0.1	0.076	7.9	2.53	2.39	2.25	500	2.24
710-744770156	744770156	A	Metal	56	2.4	2.9	0.11	0.085	7.1	2.53	2.39	2.25	500	2.24
710-744770168	744770168	A	Metal	68	2.3	2.5	0.14	0.09	6.4	2.53	2.39	2.25	500	2.24
710-744770182	744770182	A	Metal	82	2.25	2.45	0.16	0.086	3.5	2.53	2.39	2.25	500	2.24
710-74477020	74477020	A	Metal	100	2.2	2.4	0.22	0.102	5.2	2.53	2.39	2.25	500	2.24
710-744770218	744770218	A	Metal	180	1.4	1.6	0.35	0.188	4.2	2.53	2.39	2.25	500	2.24
710-744770222	744770222	A	Metal	220	1.3	1.49	0.39	0.247	3.8	2.53	2.39	2.25	500	2.24
710-744770233	744770233	A	Metal	330	1.1	1.1	0.64	0.349	3	2.53	2.39	2.25	500	2.24
710-744770247	744770247	A	Metal	470	0.9	0.9	0.98	0.496	2.6	2.53	2.39	2.25	500	2.24
710-744770256	744770256	A	Metal	560	0.8	0.9	1.07	0.593	2.5	2.53	2.39	2.25	500	2.24
710-744770268	744770268	A	Metal	680	0.7	0.8	1.46	0.84	2.2	2.53	2.39	2.25	500	2.24
710-744770282	744770282	A	Metal	820	0.6	0.8	1.64	0.936	2	2.53	2.39	2.25	500	2.24
710-74477030	74477030	A	Metal	1000	0.6	0.7	1.82	1.04	1.8	2.53	2.39	2.25	500	2.24

1210

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MOUSER STOCK NO.	Würth Electronics Part No.	Fig.	Base	Inductance (µH)	Rated Current (A)	Saturation Current (A)	DC Resist. (Ω)	DC Resist. Typical (Ω)	Self Resonant Freq. (MHz)	Price Each			Reel Qty.	Price per Piece
										1	25	100		
710-7447709001	7447709001	B	Metal	1.0	13.0	25.0	0.006	0.004	120	3.33	3.10	2.79	250	2.79
710-7447709002	7447709002	B	Metal	2.2	11.5	20.0	0.006	0.005	65	3.33	3.10	2.79	250	2.79
710-7447709003	7447709003	B	Metal	3.5	11	16.5	0.009	0.006	45	3.33	3.10	2.79	250	2.79
710-7447709004	7447709004	B	Metal	4.7	9.3	13.0	0.011	0.007	38	3.33	3.10	2.79	250	2.79
710-7447709006	7447709006	B	Metal	6.8	8.4	12.8	0.014	0.009	23	3.33	3.10	2.79	250	2.79
710-7447709100	7447709100	B	Metal	10	7.1	10.5	0.021	0.013	21	3.33	3.10	2.79	250	2.79
710-7447709150	7447709150	B	Metal	15	6.5	8.0	0.026	0.021	17	3.33	3.10	2.79	250	2.79
710-7447709220	7447709220	B	Metal	22	5.3	6.5	0.028	0.023	10	3.33	3.10	2.79	250	2.79
710-7447709330	7447709330	B	Metal	33	4.2	5.5	0.045	0.037	8.5	3.33	3.10	2.79	250	2.79
710-7447709390	7447709390	B	Metal	39	4.1	5.0	0.056	0.044	6	3.33	3.10	2.79	250	2.79
710-7447709470	7447709470	B	Metal	47	3.8	4.5	0.06	0.046	6.5	3.33	3.10	2.79	250	2.79
710-7447709680	7447709680	B	Metal	68	3.2	3.6	0.089	0.069	6	3.33	3.10	2.79	250	2.79
710-7447709101	7447709101	B	Metal	100	2.5	3.1	0.11	0.100	6	3.33	3.10	2.79	250	2.79
710-7447709151	7447709151	B	Metal	150	2.1	2.7	0.2	0.151	5.5	3.33	3.10	2.79	250	2.79
710-7447709221	7447709221	B	Metal	220	1.8	2.2	0.3	0.193	2.2	3.33	3.10	2.79	250	2.79
710-7447709271	7447709271	B	Metal	270	1.6	2.1	0.33	0.248	2.5	3.33	3.10	2.79	250	2.79
710-7447709331	7447709331	B	Metal	330	1.5	1.7	0.43	0.363	2	3.33	3.10	2.79	250	2.79
710-7447709471	7447709471	B	Metal	470	1.4	1.5	0.56	0.437	2	3.33	3.10	2.79	250	2.79
710-7447709681	7447709681	B	Metal	680	1.1	1.3	0.825	0.660	1.5	3.33	3.10	2.79	250	2.79
710-7447709821	7447709821	B	Metal	820	0.95	1.1	1.0	0.815	1.2	3.33	3.10	2.79	250	2.79
710-7447709102	7447709102	B	Metal	1000	0.9	1.0	1.2	0.93	-	3.33	3.10	2.79	250	2.79