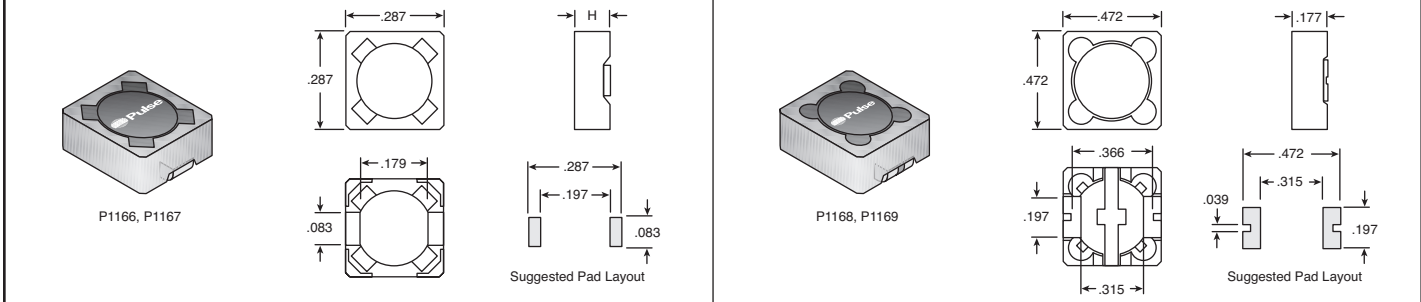


# PULSE SMT Power Inductors and Shielded Drum Core



RoHS Compliant This product is RoHS compliant.

### DIMENSIONS: in.



Pulse offers a complete range of power magnetics for DC-DC converter and switchmode designs. These magnetics include power inductors, power transformers, current sensors, gate drive transformers and common mode inductors.

Many parts are designed for low voltage, high current and high frequency applications. Pulse manufactures the broadest selection of packaging options from various through hole devices to the smallest available surface mount solution with a height of .071" (1.80mm).

### Features:

- Low profile and suitable for compact surface area mounting
- Large permissible DC current
- Low DC resistance

Inductors

Pulse

## P1166 SERIES

Height = .138"

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Inductance ( $\mu\text{H} \pm 20\%$ )	IPK (A)	Price Each				Reel Price Per Piece
			1	10	50	100	
Mfr. Part No.							
<b>RoHS Compliant</b>							
673—P1166.103NLT	10	1.6	1.49	1.40	1.31	.96	.52
673—P1166.123NLT	12	1.5	1.49	1.40	1.31	.96	.52
673—P1166.153NLT	15	1.4	1.49	1.40	1.31	.96	.52
673—P1166.183NLT	18	1.2	1.49	1.40	1.31	.96	.52
673—P1166.223NLT	22	1.2	1.49	1.40	1.31	.96	.52
673—P1166.273NLT	27	1	1.49	1.40	1.31	.96	.52
673—P1166.333NLT	33	0.94	1.49	1.40	1.31	.96	.52
673—P1166.393NLT	39	0.86	1.49	1.40	1.31	.96	.52
673—P1166.473NLT	47	0.83	1.49	1.40	1.31	.96	.52
673—P1166.563NLT	56	0.73	1.49	1.40	1.31	.96	.52
673—P1166.683NLT	68	0.67	1.49	1.40	1.31	.96	.52
673—P1166.823NLT	82	0.6	1.49	1.40	1.31	.96	.52
673—P1166.104NLT	100	0.56	1.49	1.40	1.31	.96	.52
673—P1166.124NLT	120	0.53	1.49	1.40	1.31	.96	.52
673—P1166.184NLT	180	0.39	1.49	1.40	1.31	.96	.52
673—P1166.224NLT	220	0.35	1.49	1.40	1.31	.96	.52
673—P1166.274NLT	270	0.32	1.49	1.40	1.31	.96	.52
673—P1166.334NLT	330	0.31	1.49	1.40	1.31	.96	.52
673—P1166.394NLT	390	0.26	1.49	1.40	1.31	.96	.52
673—P1166.474NLT	470	0.25	1.49	1.40	1.31	.96	.52
673—P1166.564NLT	560	0.23	1.49	1.40	1.31	.96	.52
673—P1166.684NLT	680	0.2	1.49	1.40	1.31	.96	.52
673—P1166.824NLT	820	0.17	1.49	1.40	1.31	.96	.52
<b>Non-RoHS Compliant</b>							
673—P1166.103T	10	1.6	4.35	3.92	3.71	2.84	2.56
673—P1166.183T	18	1.2	1.50	1.10	.91	.81	.69
673—P1166.683T	68	0.67	2.68	1.86	1.62	1.49	1.11

## P1168 SERIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Inductance ( $\mu\text{H} \pm 20\%$ )	IPK (A)	Price Each				Reel Price Per Piece
			1	10	50	100	
Mfr. Part No.							
<b>RoHS Compliant</b>							
673—P1168.103NLT	10	3.6	2.20	1.98	1.92	1.86	1.42
673—P1168.123NLT	12	3.5	2.20	1.98	1.92	1.86	1.42
673—P1168.153NLT	15	3.1	2.20	1.98	1.92	1.86	1.42
673—P1168.183NLT	18	2.8	2.20	1.98	1.92	1.86	1.42
673—P1168.223NLT	22	2.6	2.20	1.98	1.92	1.86	1.42
673—P1168.273NLT	27	2.4	2.20	1.98	1.92	1.86	1.42
673—P1168.333NLT	33	2.2	2.20	1.98	1.92	1.86	1.42
673—P1168.393NLT	39	1.9	2.20	1.98	1.92	1.86	1.42
673—P1168.473NLT	47	1.8	2.20	1.98	1.92	1.86	1.42
673—P1168.563NLT	56	1.7	2.20	1.98	1.92	1.86	1.42
673—P1168.683NLT	68	1.5	2.20	1.98	1.92	1.86	1.42
673—P1168.823NLT	82	1.4	2.20	1.98	1.92	1.86	1.42
673—P1168.104NLT	100	1.2	2.20	1.98	1.92	1.86	1.42
673—P1168.124NLT	120	1.1	2.20	1.98	1.92	1.86	1.42
673—P1168.154NLT	150	1	2.20	1.98	1.92	1.86	1.42
673—P1168.184NLT	180	0.9	2.20	1.98	1.92	1.86	1.42
673—P1168.224NLT	220	0.8	2.20	1.98	1.92	1.86	1.42
673—P1168.274NLT	270	0.7	2.20	1.98	1.92	1.86	1.42
673—P1168.334NLT	330	0.66	2.20	1.98	1.92	1.86	1.42
673—P1168.394NLT	390	0.62	2.20	1.98	1.92	1.86	1.42
673—P1168.474NLT	470	0.57	2.20	1.98	1.92	1.86	1.42
673—P1168.564NLT	560	0.53	2.20	1.98	1.92	1.86	1.42
673—P1168.684NLT	680	0.5	2.20	1.98	1.92	1.86	1.42
673—P1168.824NLT	820	0.44	2.20	1.98	1.92	1.86	1.42
673—P1168.105NLT	1000	0.4	2.20	1.98	1.92	1.86	1.42
<b>Non-RoHS Compliant</b>							
673—P1168.153T	15	3.1	3.24	2.73	2.60	2.48	1.81
673—P1168.223T	22	2.6	1.36	1.05	.74	.62	.56
673—P1168.683T	68	1.5	1.36	1.05	.74	.62	.56
673—P1168.334T	330	0.66	5.85	5.27	5.12	4.96	3.79
673—P1168.564T	560	0.53	1.36	1.05	.74	.62	.56

## P1167 SERIES

Height = .177"

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Inductance ( $\mu\text{H} \pm 20\%$ )	IPK (A)	Price Each				Reel Price Per Piece
			1	10	50	100	
Mfr. Part No.							
<b>RoHS Compliant</b>							
673—P1167.103NLT	10	2	1.49	1.40	1.31	.96	.55
673—P1167.123NLT	12	1.9	1.49	1.40	1.31	.96	.55
673—P1167.153NLT	15	1.7	1.49	1.40	1.31	.96	.55
673—P1167.183NLT	18	1.5	1.49	1.40	1.31	.96	.55
673—P1167.223NLT	22	1.4	1.49	1.40	1.31	.96	.55
673—P1167.273NLT	27	1.2	1.49	1.40	1.31	.96	.55
673—P1167.333NLT	33	1.1	1.49	1.40	1.31	.96	.55
673—P1167.393NLT	39	1	1.49	1.40	1.31	.96	.55
673—P1167.473NLT	47	0.94	1.49	1.40	1.31	.96	.55
673—P1167.563NLT	56	0.86	1.49	1.40	1.31	.96	.55
673—P1167.683NLT	68	0.78	1.49	1.40	1.31	.96	.55
673—P1167.823NLT	82	0.7	1.49	1.40	1.31	.96	.55
673—P1167.104NLT	100	0.63	1.49	1.40	1.31	.96	.55
673—P1167.124NLT	120	0.57	1.49	1.40	1.31	.96	.55
673—P1167.154NLT	150	0.52	1.49	1.40	1.31	.96	.55
673—P1167.184NLT	180	0.47	1.49	1.40	1.31	.96	.55
673—P1167.224NLT	220	0.43	1.49	1.40	1.31	.96	.55
673—P1167.274NLT	270	0.39	1.49	1.40	1.31	.96	.55
673—P1167.334NLT	330	0.35	1.49	1.40	1.31	.96	.55
673—P1167.394NLT	390	0.32	1.49	1.40	1.31	.96	.55
673—P1167.474NLT	470	0.29	1.49	1.40	1.31	.96	.55
673—P1167.564NLT	560	0.26	1.49	1.40	1.31	.96	.55
673—P1167.684NLT	680	0.23	1.49	1.40	1.31	.96	.55
673—P1167.824NLT	820	0.21	1.49	1.40	1.31	.96	.55
673—P1167.105NLT	1000	0.19	1.49	1.40	1.31	.96	.55
<b>Non-RoHS Compliant</b>							
673—P1167.104T	100	0.63	4.35	3.92	3.71	2.84	1.39

## P1169 SERIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Inductance ( $\mu\text{H} \pm 20\%$ )	IPK (A)	Price Each				Reel Price Per Piece
			1	10	50	100	
Mfr. Part No.							
<b>RoHS Compliant</b>							
673—P1169.103NLT	10	3.6	2.20	1.98	1.92	1.86	1.42
673—P1169.123NLT	12	3.5	2.20	1.98	1.92	1.86	1.42
673—P1169.153NLT	15	3.1	2.20	1.98	1.92	1.86	1.42
673—P1169.183NLT	18	2.8	2.20	1.98	1.92	1.86	1.42
673—P1169.223NLT	22	2.6	2.20	1.98	1.92	1.86	1.42
673—P1169.273NLT	27	2.4	2.20	1.98	1.92	1.86	1.42
673—P1169.333NLT	33	2.2	2.20	1.98	1.92	1.86	1.42
673—P1169.393NLT	39	1.9	2.20	1.98	1.92	1.86	1.42
673—P1169.473NLT	47	1.8	2.20	1.98	1.92	1.86	1.42
673—P1169.563NLT	56	1.7	2.20	1.98	1.92	1.86	1.42
673—P1169.683NLT	68	1.5	2.20	1.98	1.92	1.86	1.42
673—P1169.823NLT	82	1.4	2.20	1.98	1.92	1.86	1.42
673—P1169.104NLT	100	1.2	2.20	1.98	1.92	1.86	1.42
673—P1169.124NLT	120	1.1	2.20	1.98	1.92	1.86	1.42
673—P1169.184NLT	180	0.9	2.20	1.98	1.92	1.86	1.42
673—P1169.224NLT	220	0.8	2.20	1.98	1.92	1.86	1.42
673—P1169.274NLT	270	0.7	2.20	1.98	1.92	1.86	1.42
673—P1169.334NLT	330	0.66	2.20	1.98	1.92	1.86	1.42
673—P1169.394NLT	390	0.62	2.20	1.98	1.92	1.86	1.42
673—P1169.474NLT	470	0.57	2.20	1.98	1.92	1.86	1.42
673—P1169.564NLT	560	0.53	2.20	1.98	1.92	1.86	1.42
673—P1169.684NLT	680	0.5	2.20	1.98	1.92	1.86	1.42
673—P1169.824NLT	820	0.44	2.20	1.98	1.92	1.86	1.42
673—P1169.105NLT	1000	0.4	2.20	1.98	1.92	1.86	