

PSL SERIES

Features

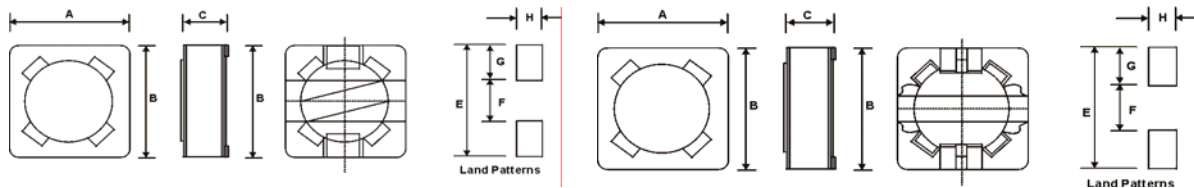


- Magnetically shielded
- Surface mounting type.
- High mounting stability.
- Large rated current and high inductance.
- Use high performance ferrite core.
- Density design, small size, low cost.
- Low radiation.

Dimensions

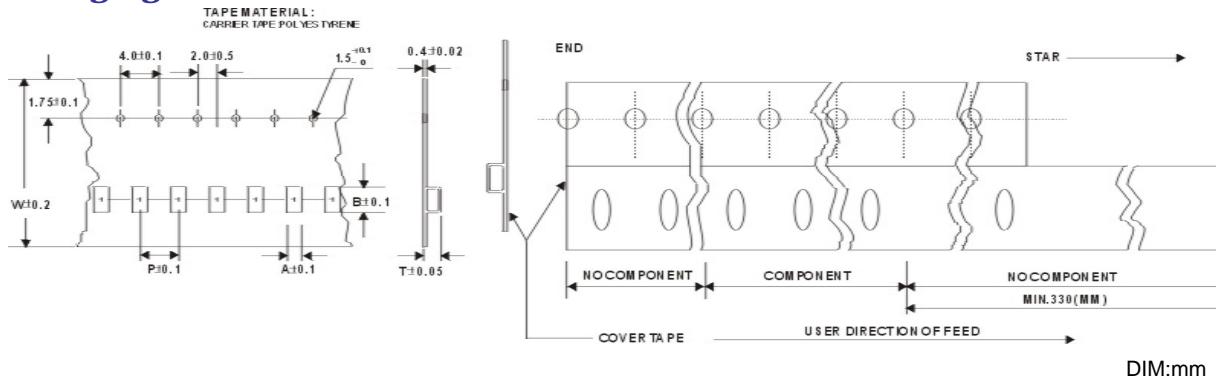
F1

F2



Type	Fig	A	B	C	E	F	G	H
PSL62	F2	6.2	6.2	3.0 MAX	7.4	4.6	1.4	1.9
PSL64	F2	6.2	6.2	3.0 MAX	7.4	4.6	1.4	1.9
PSL73	F1	7.3±0.2	7.3±0.2	3.2±0.2	8.0	4.8	1.6	2.2
PSL74	F1	7.3±0.2	7.3±0.2	4.5 MAX	8.0	4.8	1.6	2.2
PSL125	F2	12.0±0.5	12.0±0.5	6.0 MAX	12.8	7.0	2.9	5.4
PSL127	F2	12.0±0.5	12.0±0.5	8.0 MAX	12.8	7.0	2.9	5.4

Packaging



Type	A	B	W	P	T	Chips/Reel
PSL62	6.5	7.0	16	12	3.3	2000
PSL64	6.5	7.0	16	12	5.3	1000
PSL73	7.5	7.5	16	12	3.5	1000
PSL74	7.5	7.5	16	12	4.8	500
PSL124	12.5	12.5	24	16	4.2	500
PSL125	12.5	12.5	24	16	5.2	500
PSL126	12.5	12.5	24	16	6.2	500
PSL127	12.5	12.5	24	16	7.2	500

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Part Number	L (uH)	RDC(ohm MAX)			IDC(A MAX)		
		PSL62	PSL64	PSL73	PSL62	PSL64	PSL73
100	10	0.17	0.12	0.08	1.28	1.35	1.68
120	12	0.18	0.13	0.10	1.19	1.22	1.52
150	15	0.28	0.18	0.13	0.97	1.11	1.33
180	18	0.30	0.24	0.14	0.94	1.02	1.20
220	22	0.38	0.27	0.19	0.71	0.91	1.07
270	27	0.43	0.30	0.21	0.64	0.82	0.96
330	33	0.48	0.33	0.24	0.59	0.74	0.91
390	39	0.69	0.37	0.32	0.54	0.69	0.77
470	47	0.71	0.52	0.36	0.52	0.62	0.76
560	56	0.85	0.56	0.47	0.49	0.58	0.68
680	68	1.21	0.63	0.52	0.41	0.51	0.61
820	82	1.42	0.71	0.69	0.39	0.46	0.57
101	100	1.50	1.03	0.79	0.30	0.42	0.50
121	120	2.10	1.15	0.89		0.38	0.89
151	150		1.68	1.27		0.35	0.49
181	180		1.87	1.45		0.32	0.43
221	220		2.08	1.65		0.29	0.39
271	270		2.37	2.31		0.26	0.32
331	330		2.67	2.62		0.23	0.28
391	390		2.94	2.94		0.22	0.26
471	470		3.93	4.18		0.20	0.24
561	560		5.43	4.67		0.18	0.22
681	680		7.32	5.73		0.17	0.19
821	820		8.24	6.54		0.15	0.18
102	1000		9.26	9.4		0.14	0.16

Tolerance of inductance:

L : 10~1000uH±20%(M).

The operating temperature range is -25 to +85 .

IDC : The current of inductance drop 10%.

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Part Number	L (uH)	Test Freq. (MHz)	RDC(ohm MAX)			IDC(A MAX)		
			PSL74	PSL125	PSL127	PSL74	PSL125	PSL127
1R2	1.2	100K			0.0070			9.80
2R4	2.4	100K			0.0115			8.00
3R5	3.5	100K			0.0135			7.50
4R7	4.7	100K			0.0158			6.80
6R1	6.1	100K			0.0176			6.60
7R6	7.6	100K			0.0200			5.90
100	10	1K	0.05	0.025	0.0216	1.84	4.00	5.40
120	12	1K	0.06	0.027	0.0243	1.71	3.50	4.90
150	15	1K	0.08	0.030	0.0270	1.47	3.30	4.50
180	18	1K	0.09	0.034	0.0392	1.31	3.00	3.90
220	22	1K	0.11	0.036	0.0432	1.23	2.80	3.60
270	27	1K	0.15	0.051	0.0459	1.12	2.30	3.40
330	33	1K	0.17	0.057	0.0648	0.96	2.10	3.00
390	39	1K	0.23	0.068	0.0729	0.91	2.00	2.75
470	47	1K	0.26	0.075	0.1000	0.88	1.80	2.50
560	56	1K	0.35	0.11		0.75	1.70	
680	68	1K	0.38	0.12		0.69	1.50	
820	82	1K	0.43	0.14		0.61	1.40	
101	100	1K	0.61	0.16		0.60	1.320	
121	120	1K	0.66	0.17		0.52	1.10	
151	150	1K	0.88	0.23		0.46	1.00	
181	180	1K	0.98	0.29		0.42	0.90	
221	220	1K	1.17	0.40		0.36	0.80	
271	270	1K	1.64	0.46		0.34	0.75	
331	330	1K	1.86	0.51		0.32	0.68	
391	390	1K	2.85	0.69		0.29	0.65	
471	470	1K	3.01	0.77		0.26	0.58	
561	560	1K	3.62	0.86		0.23	0.54	
681	680	1K	4.63	1.20		0.22	0.48	
821	820	1K	5.20	1.34		0.20	0.43	
102	1000	1K	6.00	1.53		0.18	0.40	

1.Tolerance of inductance:

PSL74, PSL125:10~1000uH±20%(M).

PSL127:1.2uH~7.6uH+40%/-20%(N).10~47uH±20%(M).

2.The operating temperature range is -25 to +85 .