

- **Designed for Telecom Power Systems**
- **Low Profile, High Current Capability**
- **Self-Leaded design minimizes PCB space**
- **Wide Inductance Range**
- **Suited for IR reflow and wave solder processes**
- **Compatible with automatic insertion equipment**
- **Rated up to 130°C operating temperature**
- **Custom designs available upon request**

## Specifications

Schott P/N	L $\mu$ H @ 0 A dc	Idc @ 20% rolloff	Idc @ 40C temp rise	DCR Ohms	Size
40736	.28	40	28	.001	1
40737	.63	30	23	.0015	1
40738	1.12	22	16	.003	1
40739	1.12	25	22	.002	2
40740	1.75	20	17	.0026	2
40741	2.52	16.5	13	.0045	2
40742	2.52	16	16	.0031	3
40743	3.43	14	12	.0053	3
40744	4.50	12	11	.006	3
40745	3.43	15.5	15	.0035	4
40746	5.7	12	11	.0068	4
40747	7.0	11	10	.0075	4
40748	4.5	15	14	.004	5
40749	5.7	13	13	.0045	5
40750	7.0	12	12	.005	5
40751	8.5	11	10	.0083	5
40752	10.0	10	9	.009	5
40753	11.8	9	9	.010	5
40754	13.7	8.5	8.5	.011	5

Parts availability subject to Schott manufacturing schedules and leadtimes. Not all parts available from stock. Please contact us for more details and availability. The Adobe Acrobat Reader is required to view these linked documents.

### Electrical Specifications Test Criteria

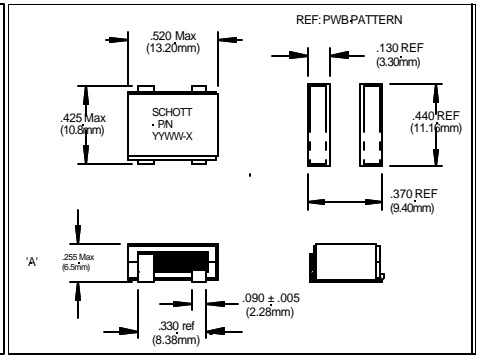
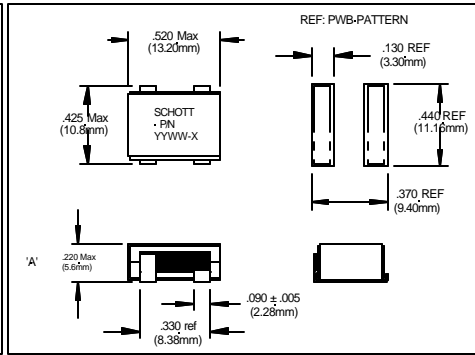
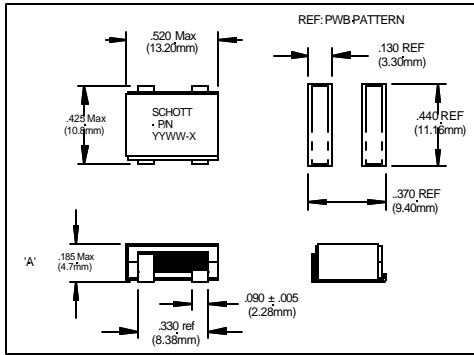
1. Electrical characteristics are reported for operating at 25°C.
2. Tolerance for L @0 A dc is +/- 20%.
3. Inductance measured at 10kHz, 0.1 Vrms.
4. Operating temperature range is -40°C to +130°C.
5. Operating frequency to 500kHz.

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### SLIM 1

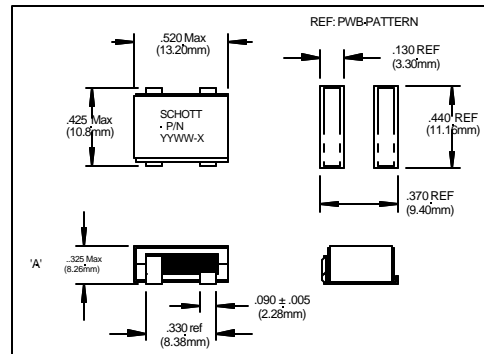
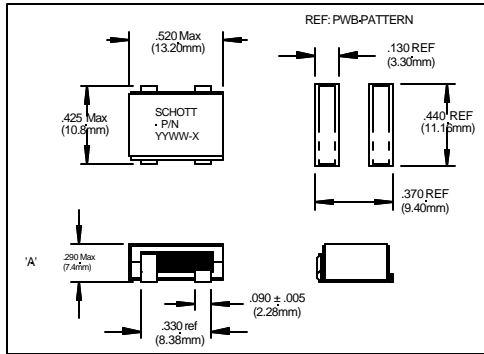
### SLIM 2

### SLIM 3

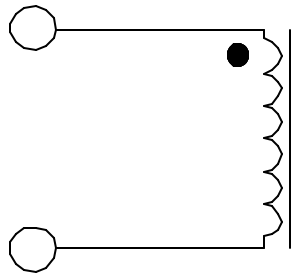


### SLIM 4

### SLIM 5



### SCHEMATIC



Schott Corporation  
 1000 Parkers Lake Road  
 Wayzata, Minnesota 55391  
 U.S.A.

Tel: + (952) 475-1173

Fax: + (952) 475-1786

Email: salesd@schottcorp.com

Web: http://www.schottcorp.com

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