

EP Power Switchmode Transformers

Features:

- Available in thru hole and surface mount
- High power density/volume
- Small footprint
- Good for gapped or ungapped applications
- Less ideal for applications involving IEC

How to choose your model:

- Use the “sizing factor” previously calculated and the frequency to locate a point on the chart.
- Choose the model # whose line is above the located point.
- Note: During the design process, the actual sizing factor may vary from the assumptions used here.

Figure 1:

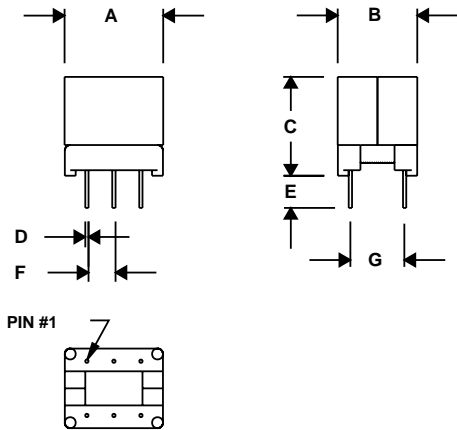
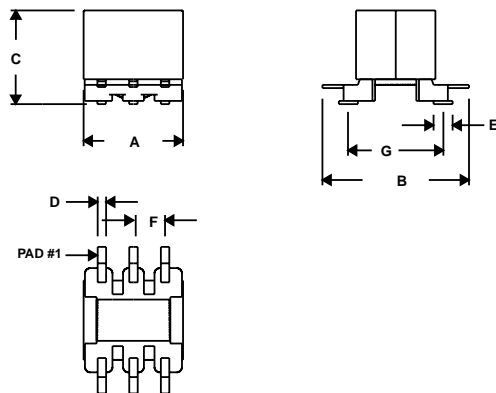
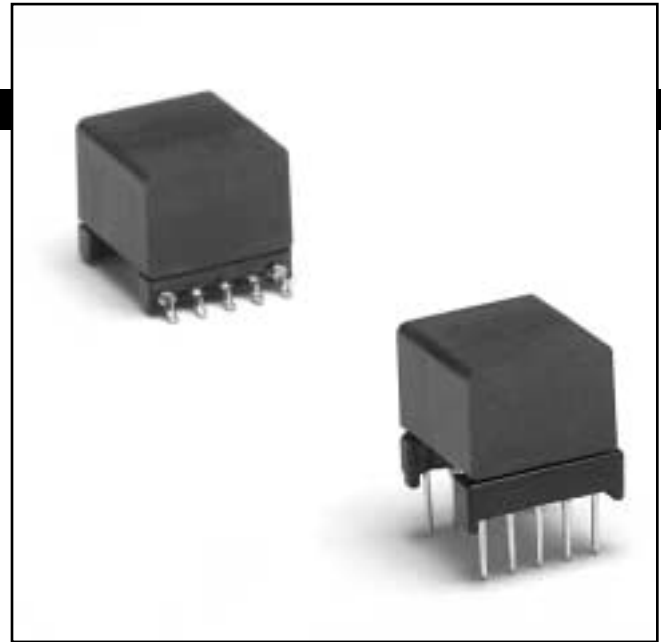


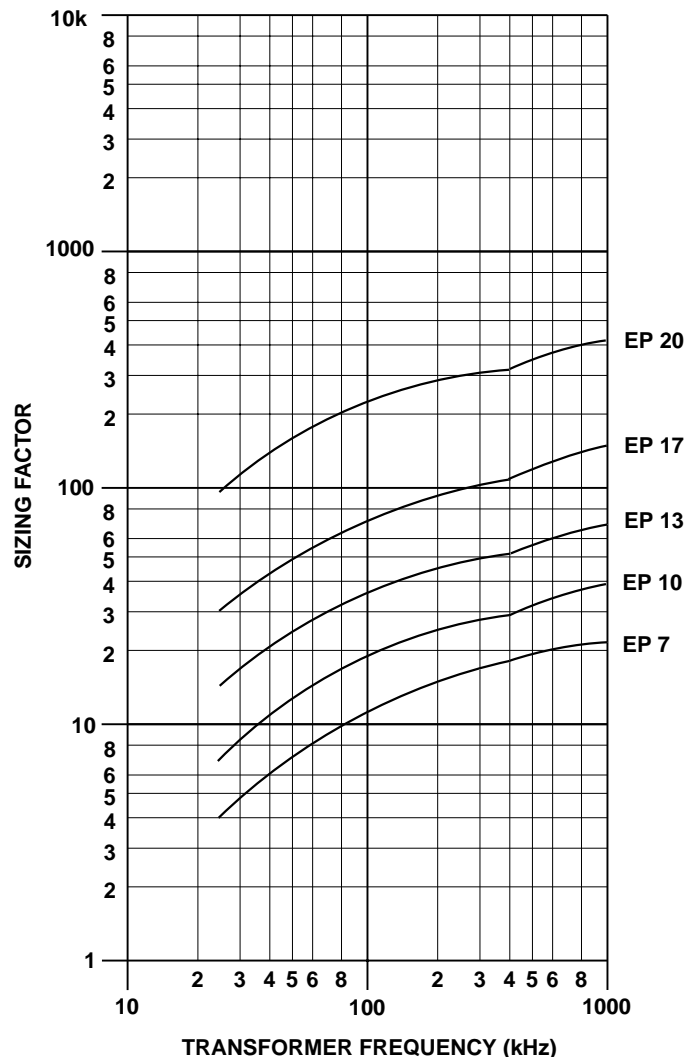
Figure 2:



Pin numbering is clockwise looking at bottom view of component



EP STYLE



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Table 1

Precision Model #	Figure #		A MAX	B MAX	C MAX	D DIA MAX	E MIN	F NOM	G NOM	NUMBER OF PINS
EP7	1	mm	9.90	8.00	10.80	0.65	2.80	2.54	5.08	6
		in	0.390	0.315	0.425	0.026	0.110	0.100	0.200	
EP10	1	mm	12.30	11.70	12.80	0.65	3.00	2.54	7.62	8
		in	0.484	0.461	0.504	0.026	0.118	0.100	0.300	
EP13	1	mm	14.40	14.10	13.80	0.65	3.00	2.54	10.16	10
		in	0.567	0.555	0.543	0.026	0.118	0.100	0.400	
EP17	1	mm	19.90	19.50	16.40	0.65	3.00	5.08	15.24	8
		in	0.783	0.768	0.646	0.026	0.118	0.200	0.600	
EP20	1	mm	27.30	23.30	20.60	0.65	3.00	5.08	17.78	10
		in	1.08	0.917	0.811	0.026	0.118	0.200	0.700	

Table 2

Precision Model #	Figure #		A MAX	B MAX	C MAX	D NOM	E NOM	F NOM	G NOM	NUMBER OF PADS
EPSM7	2	mm	9.70	14.90	11.00	0.80	1.80	3.00	8.95	6
		in	0.382	0.587	0.433	0.031	0.071	0.118	0.352	
EPSM7A	2	mm	9.90	11.40	11.30	0.40	1.25	2.00	7.75	8
		in	0.390	0.449	0.445	0.016	0.049	0.0787	0.305	
EPSM10	2	mm	12.50	17.80	12.90	0.80	1.80	2.54	11.40	8
		in	0.492	0.701	0.508	0.031	0.071	0.100	0.449	
EPSM13	2	mm	13.50	19.80	14.40	0.80	1.80	2.54	13.40	10
		in	0.532	0.780	0.567	0.031	0.071	0.100	0.528	

Next step: Talk to us!

Now that you've selected a Precision product for your application, it's time to talk to the Precision team about fine-tuning our product to fit your application needs.

Click here to choose a contact on the web or call 1-800-749-3677.