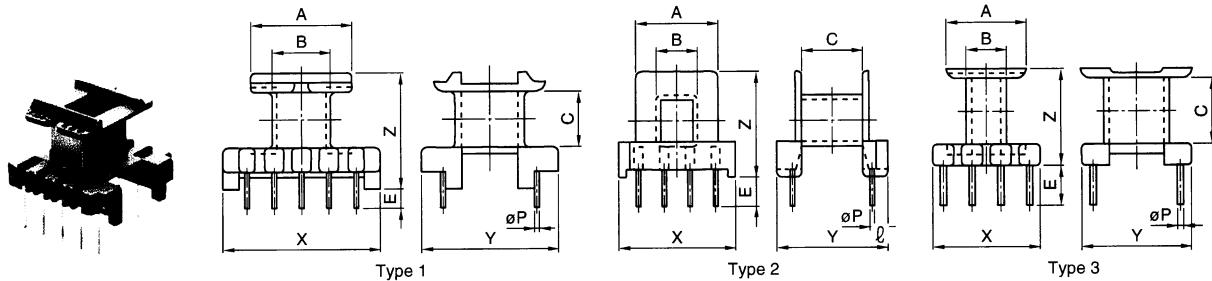


# Ferrite

## For Switching Power Supplies

### E Cores

## EE and EI Bobbins



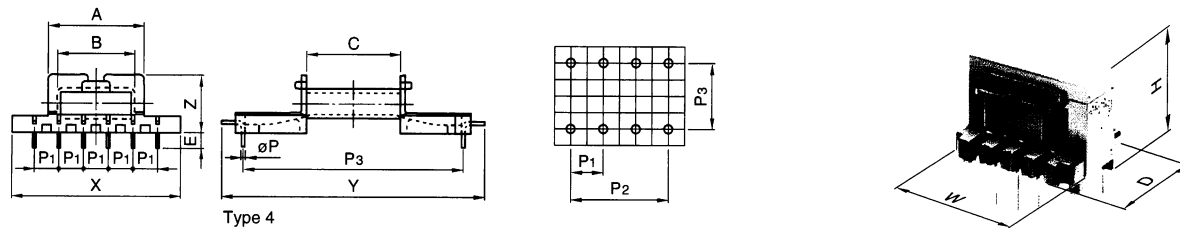
Part No.	Type	Dimensions in						
		A	B	C	E	X	Y	Z
BE8-116CPHFR	2	5.8 .228	3.0 .118	4.78 .188	2.7 .106	8.0 .315	8.8 .346	8.4 .331
BE10-118CPSFR	3	7.2 .283	3.5 .138	6.6 .260	3.85 .152	10.2 .402	10.2 .402	9.0 .354
BE12.5-1110CPFR	1	8.5 .335	3.6 .142	3.5 .138	3.25 .128	12.35 .486	12.35 .486	8.3 .327
BE13-1110CPSFR	3	10.0 .394	4.0 .157	7.4 .291	3.7 .146	12.1 .476	12.5 .492	10.4 .409
BE16-116CPFR	3	11.5 .453	5.15 .203	8.5 .335	3.8 .150	11.5 .453	13.0 .512	11.5 .453
BE16-118CPHFR	2	11.4 .449	5.15 .203	8.6 .339	4.0 .157	15.0 .591	13.4 .528	13.4 .528
BE16-1110CPNFR	1	11.35 .447	5.65 .222	8.15 .321	3.8 .150	16.0 .630	13.0 .512	13.85 .545
BES-16-1110CPSFR	3	12.2 .480	4.6 .181	8.7 .343	5.0 .197	15.9 .426	14.0 .551	11.7 .461
BE19-116CPFR	3	13.8 .543	5.8 .228	9.1 .358	5.0 .197	13.8 .543	16.5 .650	12.0 .472
BE19-118CPHFR	2	14.0 .551	6.65 .262	9.0 .354	6.0 .236	20.0 .787	16.2 .638	18.6 .732
BE22-118CPFR	1	12.5 .492	7.9 .311	8.45 .332	6.0 .236	22.0 .866	17.0 .669	17.3 .689
BE22/19/6-118CPFR	1	15.2 .598	7.9 .311	8.45 .332	6.0 .236	22.0 .866	17.0 .669	17.3 .681
BE25-118CPFR	1	18.1 .713	9.1 .358	9.8 .386	6.0 .236	25.0 .984	18.0 .709	19.3 .760
BE28-1110CPLFR	1	18.1 .713	9.9 .390	9.6 .378	7.0 .276	28.0 1.102	25.0 .984	20.6 .811
BE30-1110CPFR	1	19.2 .756	13.1 .516	13.7 .539	7.0 .276	30.0 1.181	25.0 .984	25.6 1.008
BE30-1112CPFR	1	19.4 .764	13.1 .516	13.7 .539	7.0 .276	30.0 1.181	25.0 .984	25.6 1.008
BE33-1112CPLFR	1	23.1 .909	12.4 .488	16.6 .654	7.0 .276	33.0 1.299	28.0 1.102	28.6 1.126
BE35-1112CPLFR	1	24.0 .945	12.7 .500	15.7 .618	7.0 .276	35.0 1.378	25.0 .984	28.7 1.130
BE40-1112CPFR	1	26.5 1.043	14.0 .551	17.3 .681	7.0 .276	36.0 1.417	30.0 1.181	30.5 1.201
BE40-1112CPNFR	1	26.5 1.043	14.0 .551	17.3 .681	7.0 .276	36.0 1.417	30.0 1.181	30.5 1.201
BE50-1112CPFR	1	33.2 1.307	17.2 .677	21.3 .839	9.0 .354	50.0 1.969	36.0 1.417	36.65 1.443
BE60-1112CPFR	1	43.3 1.705	18.5 .728	23.8 .937	10.0 .394	56.0 2.205	45.0 1.772	38.9 1.531
BE50.3-1112CPHFR	4	29.1 1.146	22.3 .878	28.25 1.112	4.5 .177	51.0 2.008	74.79 2.944	16.2 .638
BE62.3-1112CPHFR	4	35.1 1.382	28.3 1.114	33.85 1.333	4.5 .177	63.0 2.480	85.6 3.370	16.2 .638

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**Ferrite****EE and EI Bobbins**

For Switching Power Supplies

E Cores



t*	øP (mm)	P1 (mm)	P2 (mm)	P3 (mm)	Terminal pins	W D H (mm)	Parameter		Wt (g)	Accessory item
							Aw (mm <sup>2</sup> )	∅ w (mm)		
0.35 .014	0.6	2.5	5.0	7.0	6	8.3 8.0 8.0	5.3	19.9	0.26	—
0.40 .016	0.5	2.5	7.7	8.0	8	10.4 10.2 11.2	12.2	23.8	0.34	—
0.325 .013	0.6	(2.5, 2.6)	10.0	7.5	10	12.7 12.5 9.1	8.6	27.2	0.64	—
0.40 .016	0.6	2.5	10.0	8.5	10	13.2 12.7 12.3	22.2	31.3	0.63	—
0.375 .015	0.6	3.1	6.2	9.2	6	16.3 13.1 14.6	27.3	32.5	0.63	—
0.325 .013	0.6	3.0	9.0	11.0	8	16.5 14.6 13.6	26.7	33.1	0.84	—
0.55 .022	0.6	3.25	13.0	10.5	10	16.3 13.1 15.6	23.2	33.0	1.2	—
0.40 .016	0.6	3.3	13.2	11.0	10	16.3 14.1 16.3	33.1	37.1	1.0	—
0.35 .014	∅0.5	4.0	8.0	12.5	6	20.3 16.7 16.2	36.4	36.8	0.95	—
0.80 .031	0.8	5.08	15.24	12.7	8	20.3 18.2 18.6	33.1	39.1	2.4	—
0.80 .031	0.8	5.0	15.0	12.5	8	22.3 17.1 20.1	20.0	38.6	2.3	—
0.80 .031	0.8	5.0	15.0	12.5	8	22.4 17.1 19.1	31.5	42.8	2.7	—
0.75 .030	0.8	5.0	15.0	12.5	8	25.8 18.1 20.5	42.5	49.4	3.5	—
0.80 .031	0.8	5.0	20.0	17.5	10	28.5 25.1 22.7	39.4	59.1	5.0	—
0.80 .031	0.8	5.0	20.0	20.0	10	30.4 25.1 28.6	44.5	61.0	4.9	FE-30-F FE-30-G
0.80 .031	0.8	5.0	25.0	20.0	12	30.4 25.1 28.6	43.2	58.0	6.2	—
0.80 .031	0.8	5.0	25.0	22.5	12	33.5 28.1 31.2	88.8	72.3	6.8	—
0.80 .031	0.8	5.0	25.0	20.0	12	35.5 25.1 30.9	88.7	68.5	7.7	—
0.80 .031	1.0	5.0	25.0	25.0	12	40.5 30.2 35.8	108.0	76.0	9.7	FE-40-F FE-40-G
0.80 .031	1.0	5.0	25.0	22.5	12	40.5 30.2 35.7	108.1	75.6	9.8	—
0.80 .031	1.0	7.5	37.5	27.5	12	50.7 36.2 43.6	170.0	94.0	17	FE-50-F FE-50-G
0.80 .031	1.0	7.5	37.5	35.0	12	50.8 45.2 48.1	294.0	113.0	29	FE-60-F FE-60-G
0.80 .031	0.9	7.5	37.5	60	12	52 47 46.2	96.05	76	16	—
0.80 .031	0.9	7.5	37.5	72.5	12	64 58 56.2	115.09	88	22	—

UL Grade: 94V-0, Material: FR phenol, Pin material: Steel wire (Solder plated)

Maximum number of turns N that can be wound on bobbins, see section of "Maximum number of Turns on Bobbins".

\* Minimum thickness of bobbin inside which core is placed, including flanges.

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