

# SH-EE,SH-EI SERIES SWITCHING POWER TRANSFORMER



## FEATURES

Possessing of high permeability  
High saturation flux density  
Low loss, at 100°C the power loss goes bottom

Bulk packaging is standard  
Custom design available

Drive transformers  
Main transformers  
Smoothing chokes  
General purpose use



Additional information:

We reserve the right to make technical changes or modify the contents of this document without prior notice.

SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.

We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

Part No.	Type	PIN	Dimensions(mm)						Max. output (VA)
			Max A	Max B	Max C	±0.3 D	±0.5 E	±0.1 F	
SH-EI 8.3-A	V	6	8.5	8.5	9.0	2.5	6.0	0.5	3
SH-EE 8.3-B	H	6	8.5	8.5	7.0	2.5	6.0	0.5	3
SH-EE 8.3-C	H	4	8.5	9.5	9.0	5.0	6.8	0.5	3
SH-EI 10-A	V	8	10.5	11.0	11.0	2.5	8.0	0.5	5
SH-EI 10-B	H	8	11.0	13.0	10.5	2.5	10.5	0.5	5
SH-EI 10-C	H	4	10.0	9.5	10.0	5.0	6.8	0.5	5
SH-EI 12.5-A	V	10	13.0	13.0	10.0	2.5	7.5	0.6	8
SH-EE 12-A	H	4	12.5	11.0	12.5	8.0	9.0	0.6	8
SH-EE 13-A	V	10	13.5	13.0	12.0	2.5	8.7	0.6	9
SH-EI 14-A	V	6	14.5	14.5	13.0	3.5	11.0	0.6	15
SH-EE 16-A	V	6	16.5	13.5	13.0	3.0	9.0	0.6	25
SH-EE 16-B	H	8	16.5	14.5	15.0	3.0	11.0	0.6	25
SH-EE 16-C	H	8	16.5	14.5	15.0	3.5	12.0	0.6	25
SH-EE 16-D	V	10	16.5	13.5	14.5	3.25	10.5	0.6	25
SH-EE 16-F	H	10	16.5	19.0	14.0	3.2	15.5	0.8	25
SH-EEL 16-A	V	10	22.0	16.5	30.0	4.0	10.3	0.6	25
SH-EE 19-A	V	6	20.0	18.0	18.0	4.1	14.0	0.7	35
SH-EE 19-B	V	6	20.0	16.0	18.0	4.7	11.6	0.6	35
SH-EE 19-C	H	8	20.0	18.0	16.5	3.8/5	12.5	0.7	35
SH-EEL 19-A	V	8	20.0	20.5	32.0	3.8/4.8	15.0	0.8	35
SH-EEL 19-B	H	6	19.5	32.0	13.0	5	24.2	0.8	35
SH-EEL 19-C	V	10	23.0	16.5	32.0	4	10.0	0.8	35
SH-EE 20-A	H	8	20.5	19.0	13.0	5	15.0	0.8	35
SH-EE 22-A	V	10	22.5	16.5	20.0	4	10.2	0.8	45
SH-EE 22-B	V	8	22.5	17.0	20.0	5	12.4	0.8	45
SH-EE 22-C	H	9	22.5	24.5	16.5	3.5/5	17.2	0.8	45
SH-EE 25-A	V	8	25.5	18.0	22.0	5	12.4	0.8	65
SH-EE 25-B	V	10	26.0	20.5	22.0	5	15.2	0.8	65
SH-EE25-C	H	10	27.0	24.0	24.0	4.0/5	14.6	0.8	65
SH-EEL 25-A	H	14	27.5	33.5	21.0	4.0	27.1	0.8	65

Part No.	Type	PIN	Dimensions(mm)						Max. output (VA)
			Max A	Max B	Max C	±0.3 D	±0.5 E	±0.1 F	
SH-EL 25-B	V	14	27.5	21.0	35.0	4.0	15.0	0.8	65
SH-EI 28-A	V	12	29.5	25.0	24.0	5.0	17.5	0.8	100
SH-EI 28-B	V	10	28.5	25.0	35.0	5.0	20.0	0.8	100
SH-EI 28-C	H	8	28.5	25.0	25.0	5.0	17.5	0.8	100
SH-EI 30-A	V	10	31.0	22.0	26.0	5.0	17.6	0.8	155
SH-EI 30-B	V	12	31.0	26.0	26.0	5.0	20.0	0.8	155
SH-EE 30-A	H	10	30.5	30.0	20.5	5.0	25.0	0.8	155
SH-EE 30-B	H	12	30.5	30.0	20.5	5.0	25.0	0.8	155
SH-EI 33-A	V	14	34.0	28.0	30.0	5.0	22.5	0.8	200
SH-EI 33-B	V	12	34.0	28.0	30.0	5.0	22.5	0.8	200
SH-EI 33-C	V	16	39.0	29.0	30.0	5.0	22.5	0.8	200
SH-EE 35-A	H	12	38.0	30.0	26.0	3.8/5.1	22.0	0.8	215
SH-EE 35-B	V	10	35.5	26.0	28.0	5.0	20.0	0.8	215
SH-EE 35-C	V	14	35.5	26.0	28.0	5.0	20.0	0.8	215
SH-EEL 35-A	V	15	36.5	27.5	50.0	5.0	22.5	0.8	215
SH-EI 35-A	V	12	35.5	28.5	29.0	5/7.5	20.0	1.0	215
SH-EI 40-A	V	12	40.5	29.0	32.0	5.0	22.5	0.8	345
SH-EI 40-B	H	12	40.5	37.0	27.0	5.0	28.2	1.0	345
SH-EI 40-C	V	16	42.0	28.0	35.0	5.0	22.5	0.8	345
SH-EI 40-D	H	14	40.5	35.0	29.0	5.0	25.8	0.8	345
SH-EE 42-A	H	16	44.5	42.0	41.5	5.0	34.0	1.0	400
SH-EE 42-B	H	12	47.0	42.0	39.5	5/7.5	33.0	1.0	400
SH-EE 42-C	V	18	46.0	32.5	46.0	5.0	27.5	1.0	400
SH-EE 42-D	V	12	46.0	42.5	37.0	7.4	36.4	1.0	420
SH-EE 42-E	V	12	43.0	40.5	45.0	5.0	32.5	1.0	420
SH-EE 42-F	H	17	43.0	47.0	45.0	2.5/5	37.7	1.0	420
SH-EE 42-G	V	18	46.0	38.0	47.0	5.0	30.0	1.0	420
SH-EE 50-A	V	18	51.0	40.0	40.0	5.0	30.5	1.0	500
SH-EE 55-A	H	20	56.0	55.0	50.5	5/7.5	45.2	1.0	814

Note: The output power is only for forward model and the frequency at 100kHz

## MECHANICAL DRAWING (mm)

