



aiia Transformer

PRODUCT DATASHEET



SWITCHING POWER TRANSFORMER AETD SERIES

Features

Centre section of the core is rounded easily
design high-power switch transformers
Low leakage

Options

Bulk packaging is standard
Custom design available

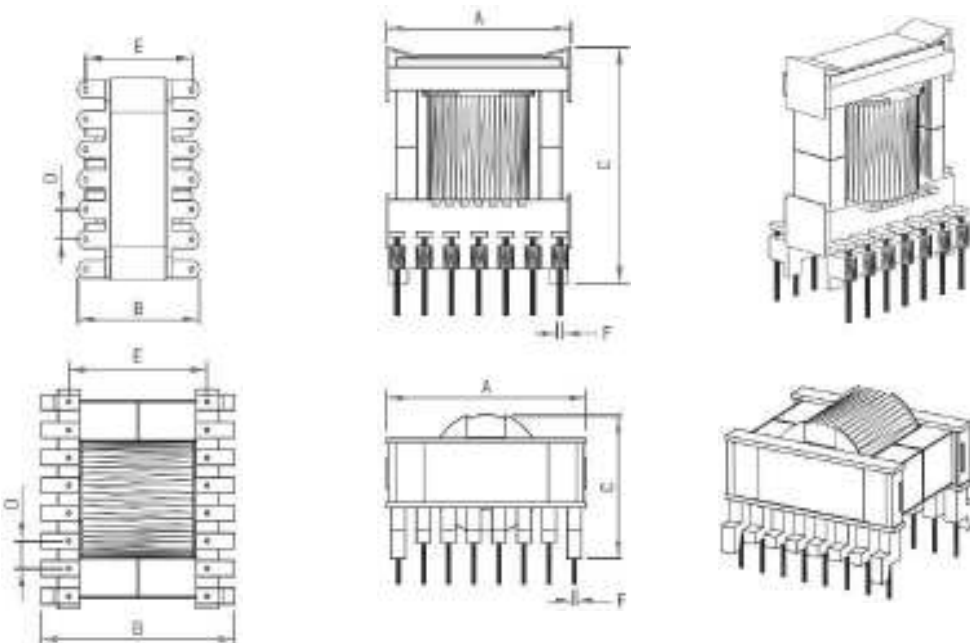
Applications

Drive transformers
Main transformers
Smoothing chokes

ELECTRICAL CHARACTERISTICS

Part Number	Type	No. of Terminal pins	Dimensions (mm)						Max. output [VA]
			Max A	Max B	Max C	±0.3D	±0.5E	±0.1F	
AETD 24-A	V	12	36.5	25.0	38.0	5.0	17.8	1.1	110
AETD 29-A	H	14	36.0	36.0	25.5	5.0	25.6	0.8	170
AETD 29-B	H	13	37.0	37.0	27.0	5.0	25.8	0.8	170
AETD 29-C	V	12	42.0	24.5	43.0	5.0	20.32	0.8	170
AETD 34-A	V	12	34.5	30.0	37.0	5.0	25.5	1.0	270
AETD 34-B	H	14	41.0	41.0	27.0	5.0	25.5	2.0	270
AETD 34-C	V	14	39.0	28.0	45.0	5.0	22.9	1.0	270
AETD 39-A	V	16	46.0	30.5	49.6	5.0	25.4	1.0	380
AETD 39-B	H	16	45.0	45.0	36.0	5.0	30.2	1.0	380
AETD 44-A	H	18	50.0	51.0	40.0	5.0	35.8	1.0	520
AETD 44-B	V	18	46.0	33.0	51.0	5.0	27.5	1.0	520
AETD 49-A	V	22	55.0	37.0	55.0	5.0	27.5	1.0	680
AETD 49-B	H	20	56.0	55.0	41.0	5.0	40.4	1.0	680
AETD 54-A	H	22	61.0	60.0	47.0	5.0	44.8	1.0	750
AETD 59-A	H	24	68.0	68.0	52.5	5.0	51.0	1.0	900

PHYSICAL CHARACTERISTICS



TYPE V

TYPE H

dimension in mm



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SWITCHING POWER TRANSFORMER AEFD SERIES

Features

Horizontal installation
Multi out-put applied
in denseness installation

Options

Bulk packaging is standard
Custom design available

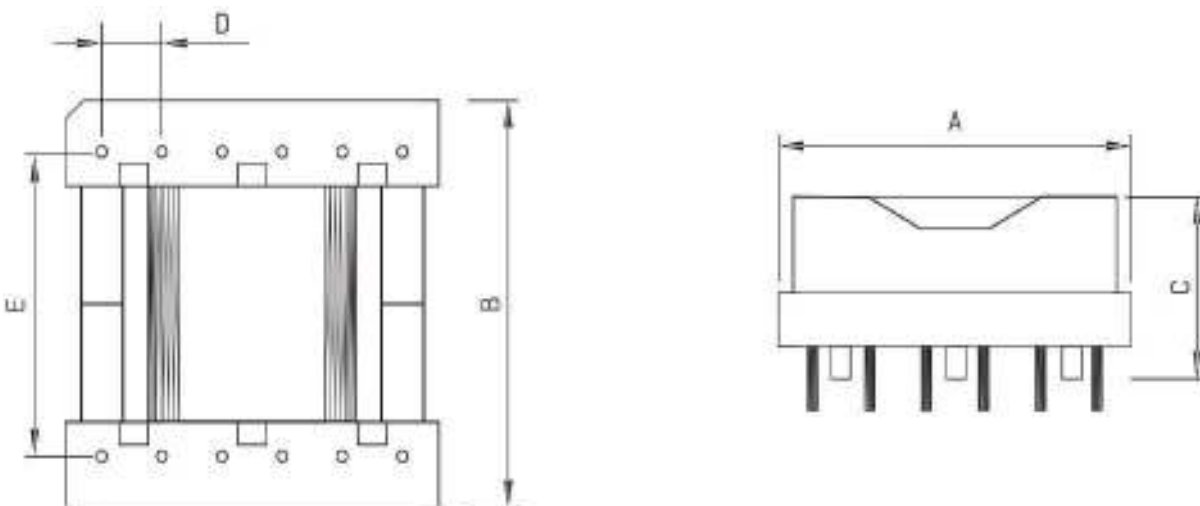
Applications

Drive transformers
Main transformers
General purpose use
Switching power supplies
AC-DC, DC-DC converters

ELECTRICAL CHARACTERISTICS

Part Number	Type	No. of Terminal pins	Dimensions (mm)						Max. output [VA]
			Max A	Max B	Max C	±0.3D	±0.5E	±0.1F	
AEFD 15-A	H	8	17.0	18.0	9.5	3.7	13.7	0.6	5
AEFD 15-B	H	8	17.0	18.0	9.5	3.8	13.75	0.6	5
AEFD 15-C	H	8	17.0	18.0	9.5	3.8	13.7	0.6	5
AEFD 20-A	H	8	22.0	23.0	11.0	5.0	17.5	0.6	18
AEFD 20-B	H	9	22.0	23.0	11.0	5.0	17.5	0.6	18
AEFD 20-C	H	10	22.0	26.0	15.0	3.8	23.8	0.6	18
AEFD 25-A	H	10	27.0	28.0	13.0	5.0	22.5	0.6	45
AEFD 25-B	H	10	27.0	28.0	15.0	5.0	22.5	0.6	45
AEFD 30-A	H	12	32.0	33.0	14.0	5.0	27.4	0.6	70
AEFD 30-B	H	12	32.0	36.0	18.0	5.0	30.0	0.6	70
AEFD 30-C	H	12	32.0	37.0	14.0	5.0	32	0.6	70

PHYSICAL CHARACTERISTICS



dimension in mm

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SWITCHING POWER TRANSFORMER APQ SERIES

Features

Designed in the fittest shape

Applied in the power: [50W-1KW] 100kHz

Cut down installation cubage with multi
plugs and boobins, easy wire connection

to meet the request

Low leakage

Options

Bulk packaging is standard

Custom design available

Applications

Drive transformers

Main transformers

Smoothing chokes

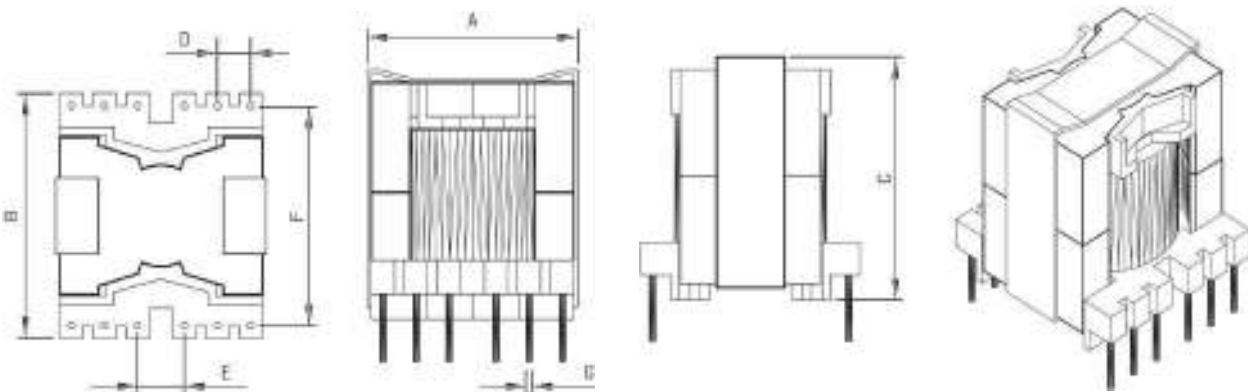
Switching power supplies

AC-DC, DC-DC converters

ELECTRICAL CHARACTERISTICS

Part Number	Type	No. of Terminal pins	Dimensions (mm)						Max. output [VA]
			Max A	Max B	Max C	±0.3D	±0.5E	±0.1F	
APQ 2020-A	V	14[6+8]	24.0	24.0	3.8/2.5	5.1	20.3	0.6	92
APQ 2620-A	V	12	28.0	32.0	3.8	7.6	25.4	0.6	170
APQ 2620-B	V	12	28.0	32.0	3.8	7.6	25.4	0.6	170
APQ 2625-A	V	12	28.5	31.0	3.8	7.5	25.5	0.7	195
APQ 3220-A	V	12	33.0	35.0	5.0	7.5	30.0	0.8	232
APQ 3220-B	V	12	33.0	36.0	5.1	7.6	30.5	0.8	232
APQ 3225-A	V	12	35.5	35.0	5.0	7.4	30.0	0.8	280
APQ 3230-A	V	12	33.0	36.0	5.1	7.6	30.3	0.8	331
APQ 3535-A	V	12	37.0	41.0	5.0	10.0	35.0	0.8	452
APQ 4040-A	V	12	41.0	44.0	5.0	15.1	38.0	0.8	596
APQ 5050-A	V	12	52.0	53.0	7.6	15.24	45.72	1.2	1045

PHYSICAL CHARACTERISTICS



dimension in mm