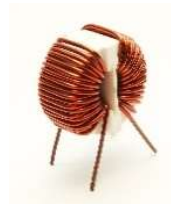


# Power Products Catalog

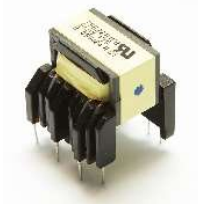
## 1. Power Trans & Reactor



## 2. Line filter



## 3. Switching Trans



## 4. SMPS



### 1. Power transformer

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3. Switching transformer

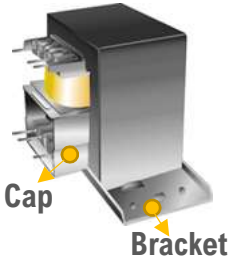
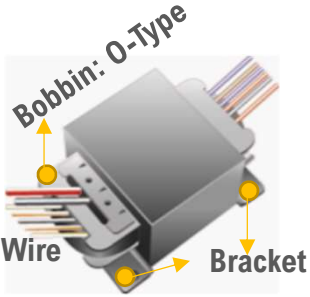
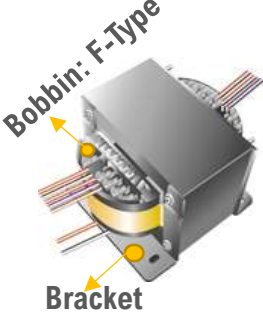
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4. SMPS

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# Power transformer (P/T)

## Product introduce

<b>P-HB</b> (Pin – Half cap & Bracket)	<b>OL-LB</b> (O bobbin & Lead- Large Bracket)	<b>OL-SB</b> (O bobbin & Lead- Small Bracket)
		

**Input : 0 ~ 240VAC [Customize]**

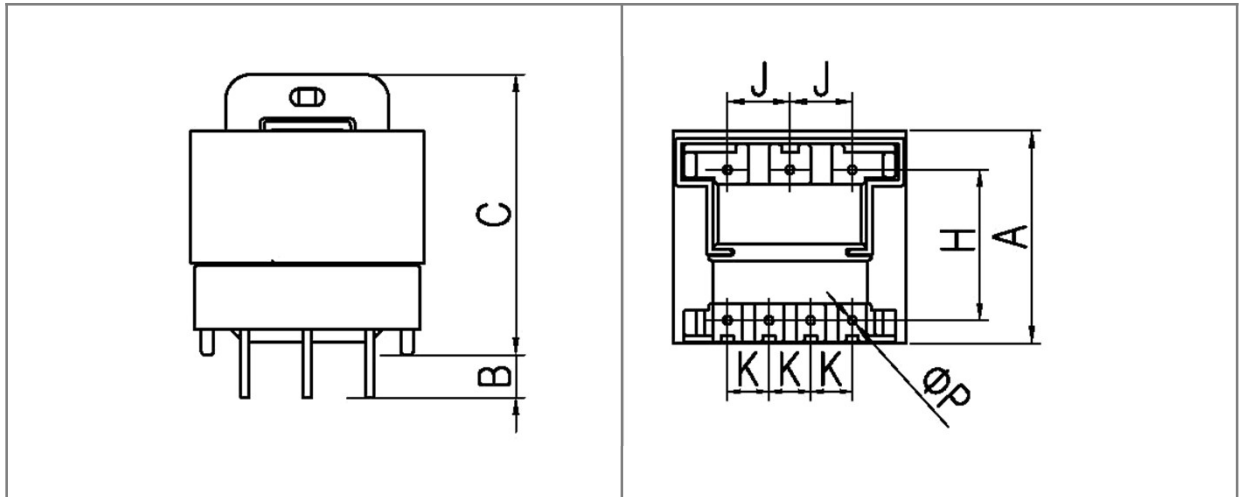
**Output : 0~24VAC [Customize]**

Type	Model	VA		Type	Cap	Bracket	Page
		Min	Max				
Pin type (PCB Mount)	P-H	1.2	9	Pin	Half	-	3
	P-HB	8	100			B	4
	PL-H	0.9	1.5	Pin - L Shape	-	5	
	P-F	0.9	7	Pin	Full	-	6
	P-FB	0.9	43			B	7
	PL-F	0.9	1.2	L Shape	-	8	
	OP-SB	14	100	Pin	-	Small B	9
	OP-LB	70	400			Large B	10
	OPL-LB	90	400	Pin - L Shape	-	11	
Lead Wire type (Chassis Assembly)	OL-SB	8	100	O Bobbin	-	Small B	12
	OL-LB	70	400			Large B	13
	LBT-B	95	390	L Bobbin		B	14
	F-SB	7	70	F Bobbin		Small B	15
	F-LB	0	300			Large B	16
	SL-B	35	120	Slim		B	17

# Power transformer (P/T)

Pin type (PCB Mount)

P-H



Dimension

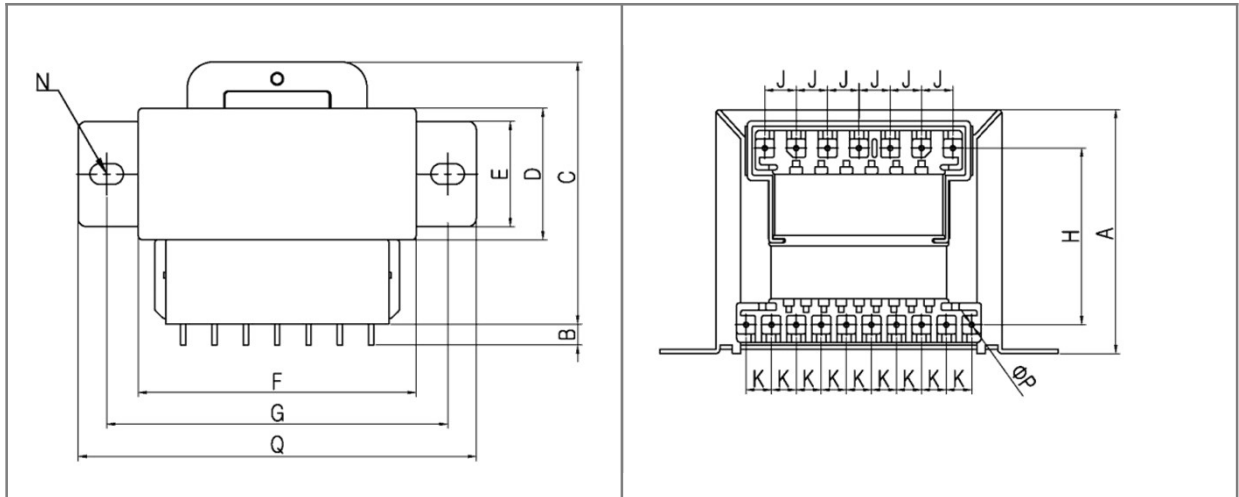
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)							
			A	B	C	H	J	K	P	PNS
P-H2815	1.2	100	26.0	4-5	34.0	18.5	7.5	5.0	0.6-1.0	3X4
P-H3510		140	30.0			21.4	6.0/8.5	6.0/8.5		4X4
P-H3514	1.5	190	30.0		38.0	21.5	7.5	5.0	1.0-1.2	4X5
P-H4118	8	300	34.0		44.0	23.0		5.0		
P-H4120	9	330	34.0		45.0	21.5	5.0/7.5			

# Power transformer (P/T)

Pin type (PCB Mount)

P-HB



## Dimension

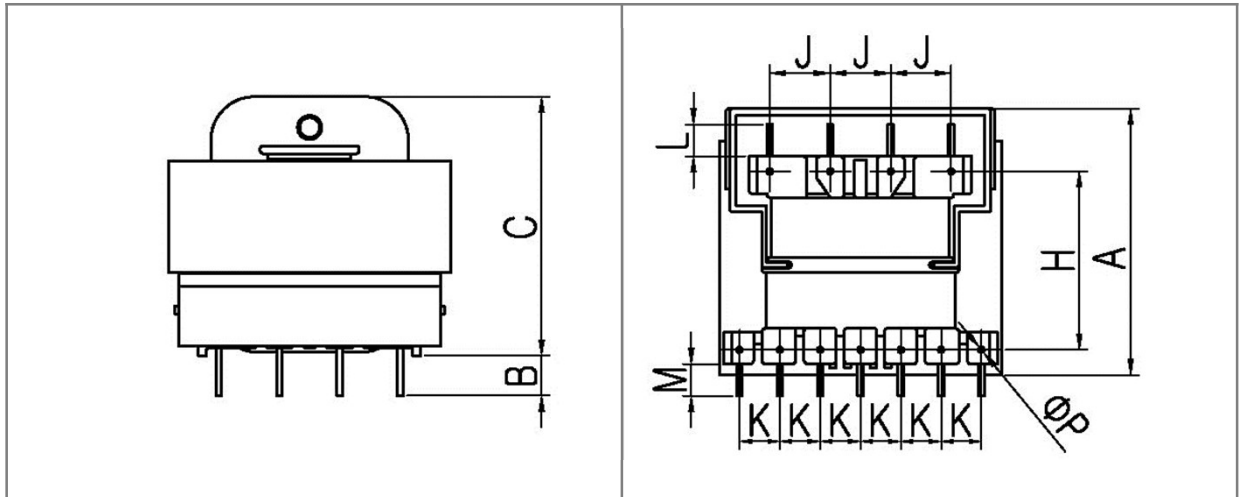
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)															
			Width	Height	Core (t)	Pin length												
			A	C	D	B	P	F	J	K	H	E	G	N	Q	PNS		
P-HB4118	8	300	34	44	22	4-5	1.0-1.2	45.5	7.5	5	23	OPTION	E	G	N	Q	PNS	
P-HB4120	9			45	24					5.0/7.5	21.5							4X5
P-HB4815			41	19	8			8	27.5	4X4								
P-HB4818.5	10	370	44	42	23			52.5	7.5	7.5	27.5							5X5
P-HB4820	12	400		46	24			52.5	8	8	27.5							4X4
P-HB5423	28	490	49	55	27			58.5	8.0/1.0	8.0/1.0	31.5							
P-HB5728	37	740	51.5	57	32			61.5			32							
P-HB5740	42	950		70	44			61.5	6.5/7.5	5	37.5							
P-HB6640	85	1300	59	74	44			70.5	7.5	6	42							7X10
P-HB6655	100	1800		89				59	70.5	7.5	6							

# Power transformer (P/T)

Pin type (PCB Mount)

PL-H



Dimension

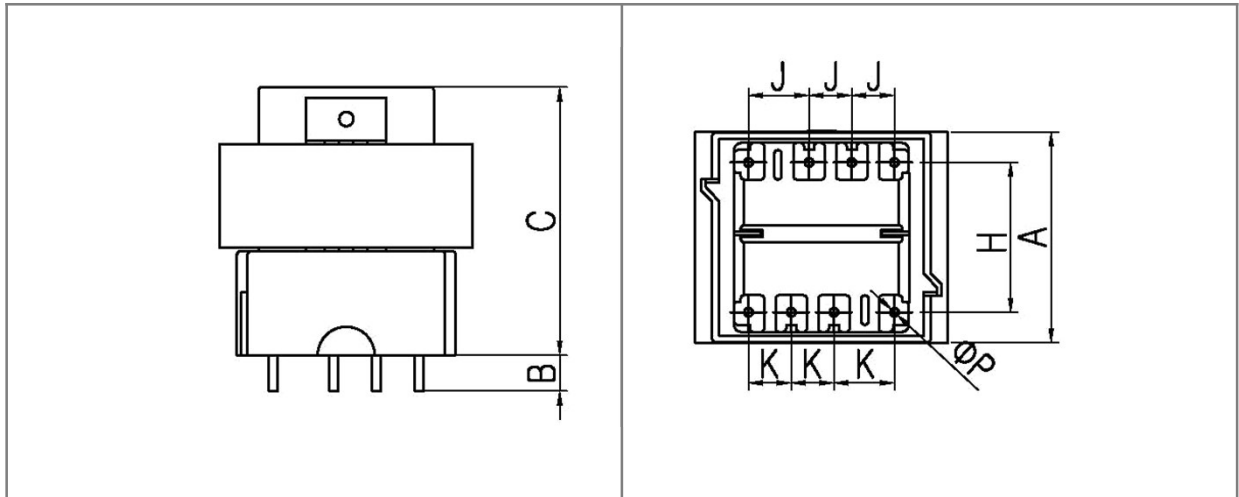
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)									
			A	B	C	H	J	K	L	M	P	PNS
PL-H2810	0.9	65	33.0	4-5	27.0	18.5	7.5	5.0	3-5	3-5	0.6-1.0	3X4
PL-H2812	1.0	95	33.0		29.0	21.4	6.0/8.5	6.0/8.5				4X4
PL-H2816	1.2	105	33.0		33.0	21.5	7.5	5.0				4X5
PL-H3514	1.5	190	36.0		35.0	21.5		5.0/7.5				4X5

# Power transformer (P/T)

Pin type (PCB Mount)

P-F



Dimension

(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)							
			A	B	C	H	J	K	P	PNS
P-F2811	0.9	70	26.0	4-5	29.0	20.0	7.5	5.0	0.6-1.0	3X4
P-F3514	1.5	190	30.0		40.0	21.0	8.5/6.5	8.5/6.5		4X4
P-F4112	6.0	200	34.0		36.0	22.8	8.0	8.0	1.0-1.2	3X3
P-F4115	7.0	250			44.0	23.0	7.5	5.0		4X5

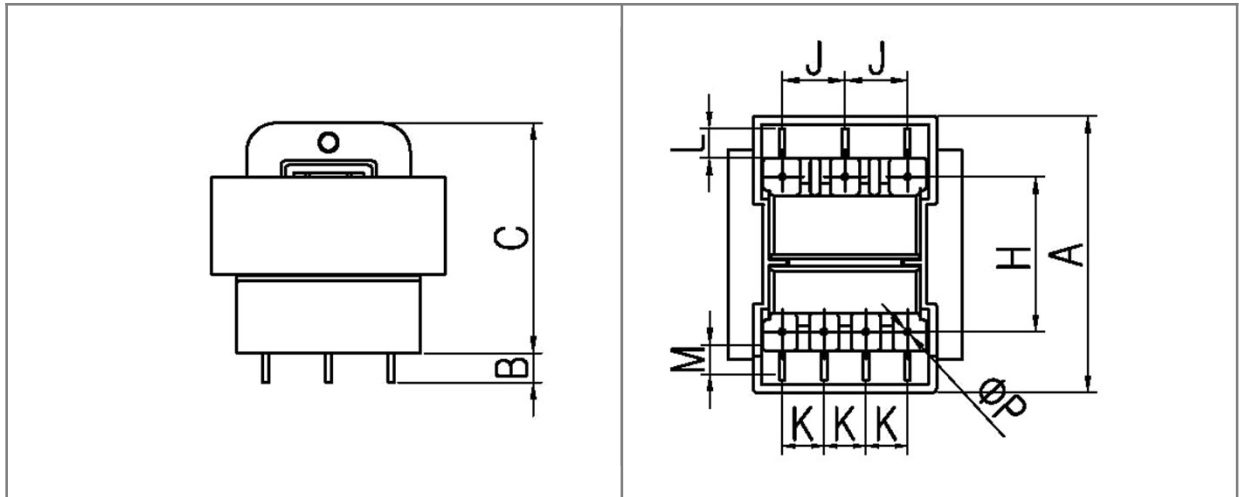




# Power transformer (P/T)

Pin type (PCB Mount)

PL-F



Dimension

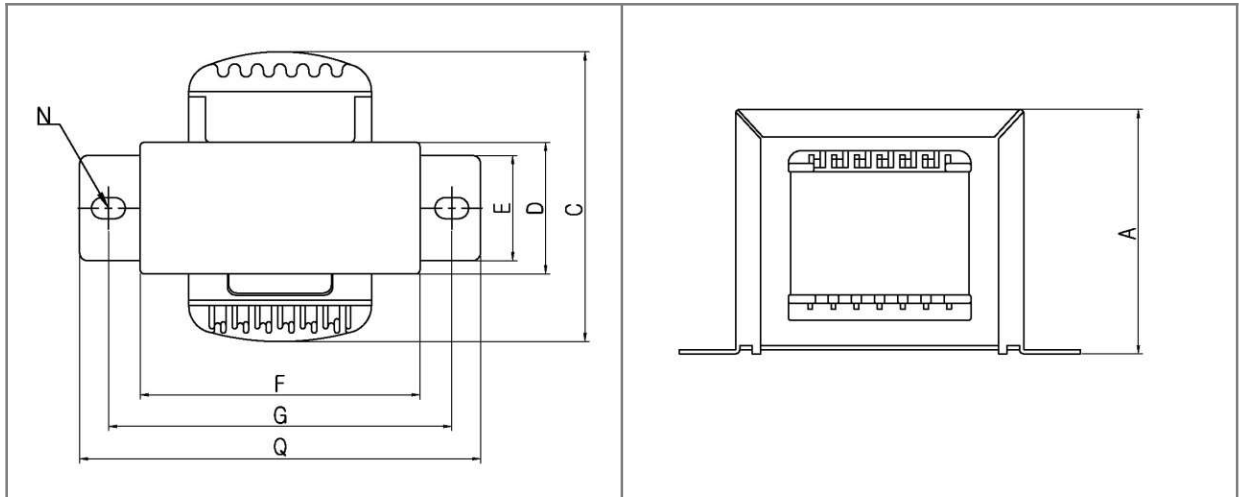
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)									
			A	B	C	H	J	K	L	M	P	PNS
PIN-GL2811	0.9	70	35.0	4-5	30.0	20.0	7.5	5.0	3-4	3-4	0.6-1.0	3X4
PIN-GL2815	1.2	100	35.0		34.0	20.0	7.5	5.0			0.6-1.0	3X4

# Power transformer (P/T)

Pin type (PCB Mount)

OL-SB



## Dimension

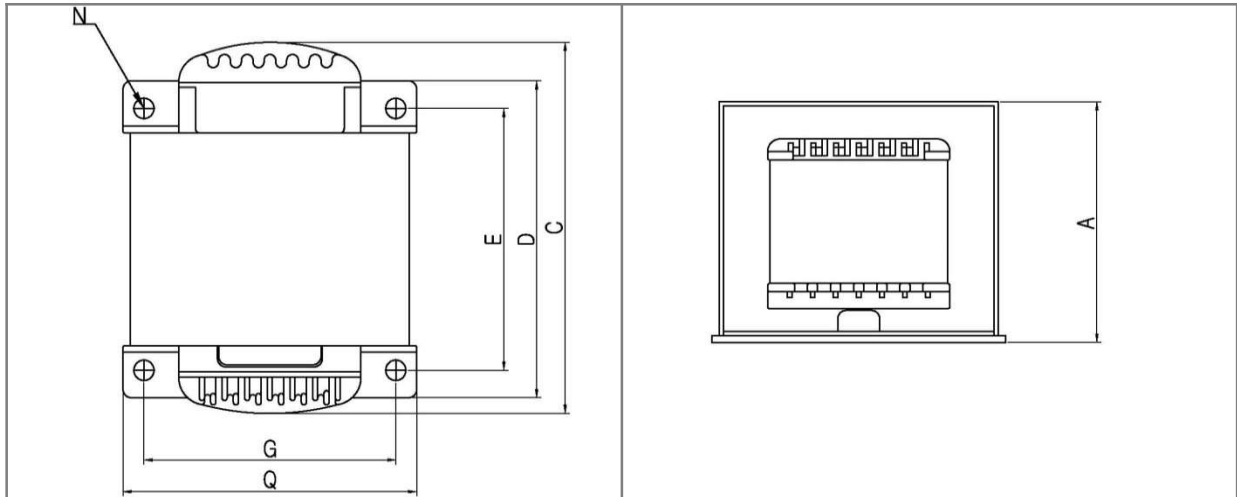
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)							
			A	C	D	F	E	G	N	Q
OL-SB4118.5	8	300	38.0	53.0	23.5	46.0	OPTION			
OL-SB4818.5	10	370	45.0	53.0	23.5	53.0				
OL-SB5423	28	490	50.0	57.0	28.0	59.0				
OL-SB5727	35	710	52.5	67.0	32.0	62.0				
OL-SB5730	37	790	52.5	69.0	35.0	62.0				
OL-SB6030	45	1000	55.0	74.0	35.0	65.0				
OL-SB6630	70	1000	60.0	77.0	35.0	71.0				
OL-SB6645	90	1500	60.0	91.0	50.0	71.0				
OL-SB6655	100	1800	60.0	100.0	60.0	71.0				

# Power transformer (P/T)

Pin type (PCB Mount)

OP-LB



## Dimension

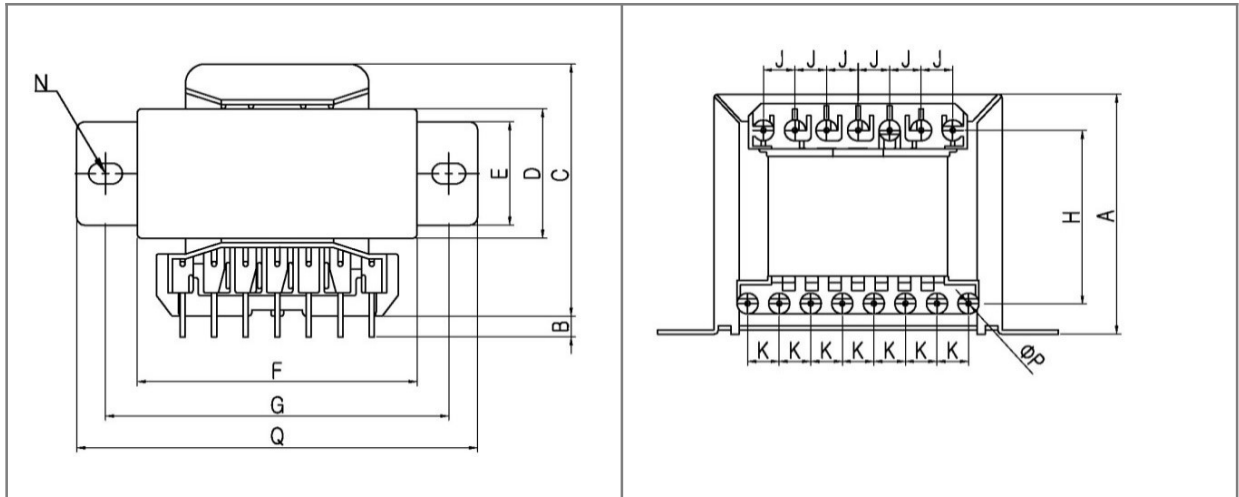
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)							
			A	C	D	E	G	N	Q	
OL-LB6630	70	1000	60.0	77.0	OPTION					
OL-LB6645	90	1500	60.0	91.0						
OL-LB6655	100	1800	60.0	100.0						
OL-LB7453	100	2100	75.0	102.0						
OL-LB76.255	170	2800	73.5	105.0						
OL-LB76.260	200	3100	73.5	109.0						
OL-LB85.863	240	3600	81.5	113.0						
OL-LB85.869	280	3800	81.5	119.0						
OL-LB9661	240	4100	90.0	117.0						
OL-LB9670	280	4600	90.0	126.0						
OL-LB9680	320	5200	90.0	136.0						
OL-LB10570	350	5200	97.5	136.0						
OL-LB10585	390	6500	97.5	151.0						
OL-LB11171	360	6300	106.5	139.0						
OL-LB11190	400	7600	106.5	157.0						

# Power transformer (P/T)

Pin type (PCB Mount)

OP-SB



## Dimension

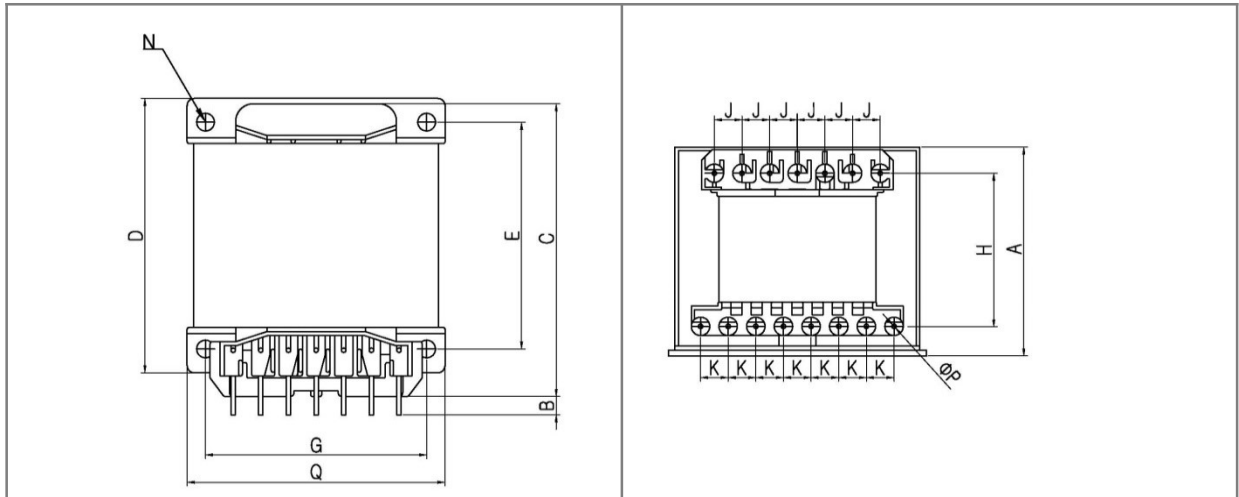
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)													
			A	B	C	D	F	H	J	K	P	E	G	N	Q	PNS
OP-SB4825	14	500	45.0	4-5	50.0	23.5	53.0	32.0	7.5	5.0	1.0-1.2	OPTION				6X8
OP-SB5425	30	530	50.0		54.0	28.0	59.0	36.5								5X10
OP-SB5725	35	660	52.5		53.0	32.0	62.0	37.5								5X8
OP-SB5730	37	790	52.5		58.0	35.0	62.0	37.5								
OP-SB5740	42	950			70.0	40.0	62.0	37.5								
OP-SB6030	45	1000	55.0		60.0	40.0	65.0	40.0								5X10
OP-SB6630	70	1000	60.0		63.0	35.0	71.0	42.0								7X8
OP-SB6645	90	1500			78.0	50.0		42.0								
OP-SB6655	100	1800			88.0	60.0		42.0								

# Power transformer (P/T)

Pin type (PCB Mount)

OP-SB



## Dimension

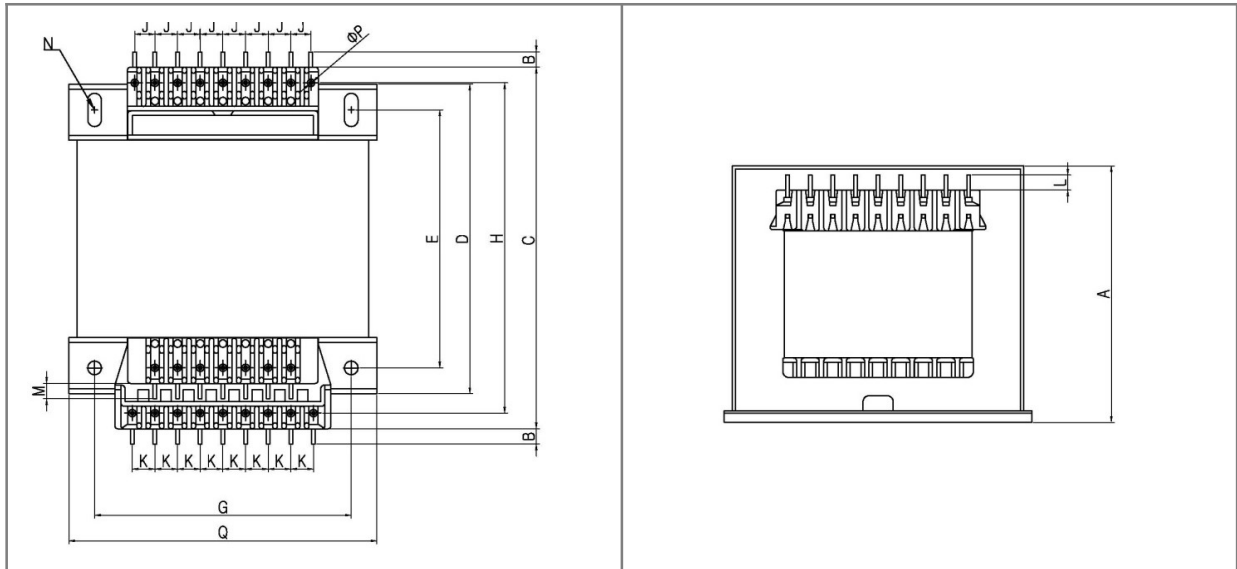
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)																																			
			A	B	C	H	J	K	P	N	D	E	G	Q	PNS																							
OP-LB6630	70	1000	60.0	4-5	63	42.0	7.5	7.5	1.0-1.2	OPTION					7X8																							
OP-LB6645	90	1500			78																																	
OP-LB6655	100	1800			88																																	
OP-LB7442	95	1700	75.0		4-5	84		51.0							7.5	7.0	1.0-1.2	OPTION					7X11															
OP-LB7457	150	2300				98																	57.0	7X12														
OP-LB7462	190	2500				104																	51.0	7X11														
OP-LB76.260	200	3100	73.5			4-5		104								52.0							7.5	7.0	1.0-1.2	OPTION					7X10							
OP-LB85.857	200	3300	81.5					101																							55.0	7X12						
OP-LB9660	230	4000	90.0					115																							63.5	7.5	7.0	1.0-1.2	OPTION			
OP-LB9671	300	4700						123								7X12																						
OP-LB9680	320	5200		132																																		
OP-LB10570	350	5200	97.5	4-5			124	66.0	7.5	7.0	1.0-1.2	OPTION																										
OP-LB105100	400	7400					153																															

# Power transformer (P/T)

Pin type (PCB Mount)

OPL-LB



## Dimension

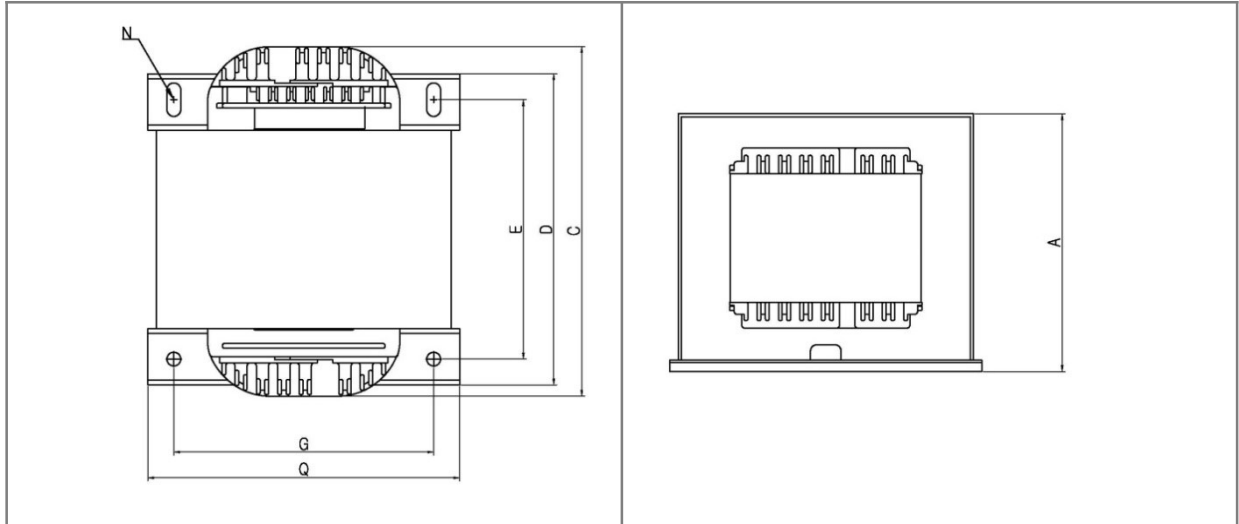
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)														
			A	B	C	H	J	K	L	M	P	D	E	G	N	Q	PNS
OPL-LB7440	90	1600	75	4-5	94	67.5	7.0	7.0	4-5	4-5	1.0-1.2	OPTION					6X20
OPL-LB7455	120	2200			109	82.5											7X18
OPL-LB85.860	230	3400	81.5		110	85.5	7.5	7.5									7X12
OPL-LB85.863	240	3600			113	89.0											8X20
OPL-LB9652	200	3600	90.0		114	87.0	10.0	7.5/10.0									7X12
OPL-LB9665	260	4400			123	92.5											7X14
OPL-LB10570	350	5200	97.5		114	98.0	10.0	10.0									7X19
OPL-LB11170	360	6200	106.5		136	103.5											7X17
OPL-LB111100	410	8400			169	139.0											7X21
OPL-LB11485	400	7500			150	129.0											

# Power transformer (P/T)

Lead Wire type(Chassis assembly)

LBT-B



Dimension

(Unit : mm,MAX)

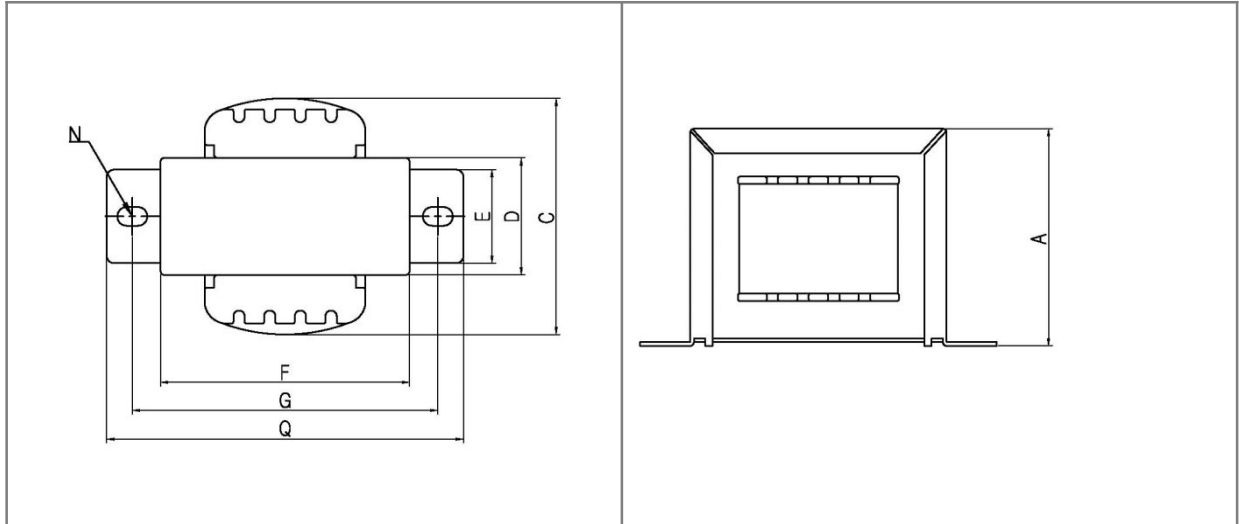
MODEL	VA	Weight (Gr)	DIMENSIONS(mm)							
			A	C	D	E	G	Q	N	
LBT-B-7442	95	1700	75.0	89.0	OPTION					
LBT-B-7460	170	2400	75.0	109.0						
LBT-B-8650	190	3000	82.0	108.0						
LBT-B-9660	240	4000	90.0	117.0						
LBT-B-9680	320	5200	90.0	139.0						
LBT-B-10560	320	4800	97.5	120.0						
LBT-B-10580	360	6200	97.5	148.0						
LBT-B-11165	370	5900	106.5	129.0						
LBT-B-11185	390	7300	106.5	144.0						



# Power transformer (P/T)

Lead Wire type(Chassis assembly)

F-SB



Dimension

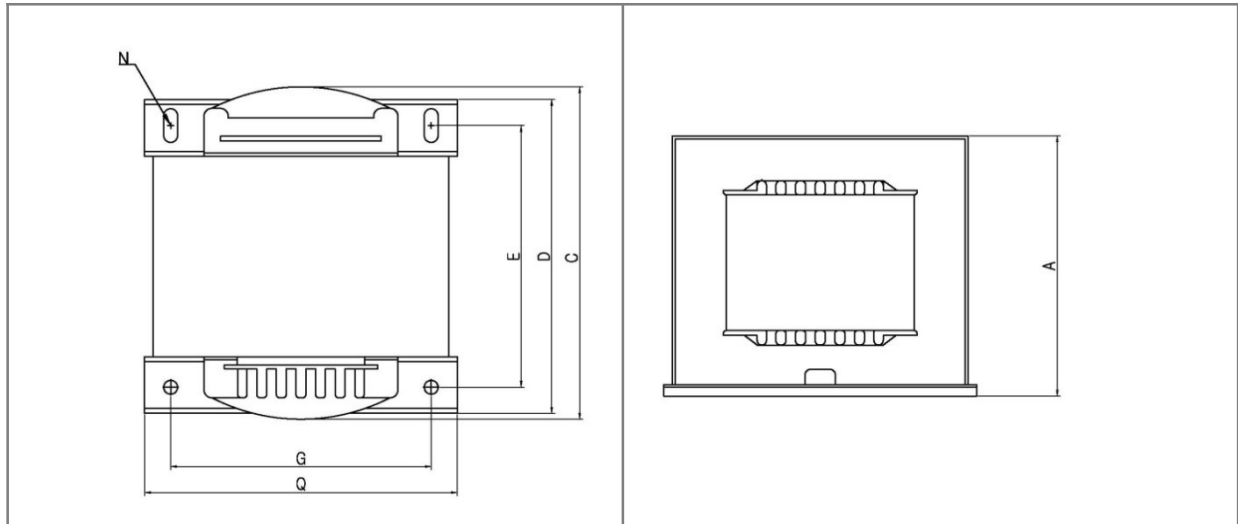
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)							
			A	C	D	F	E	G	N	Q
			OPTION							
F-SB4114	7	230	38.0	42.0	19.0	46.0				
F-SB4820	12	400	45.0	41.0	23.0	53.0				
F-SB5421	25	450	50.0	50.0	26.0	59.0				
F-SB5725	35	660	52.5	58.0	30.0	62.0				
F-SB5742	45	1000	52.5	78.0	47.0	62.0				
F-SB6030	45	1000	55.0	66.0	35.0	65.0				
F-SB6629	70	980	60.0	67.0	33.0	71.0				

# Power transformer (P/T)

Lead Wire type(Chassis assembly)

F-LB



Dimension

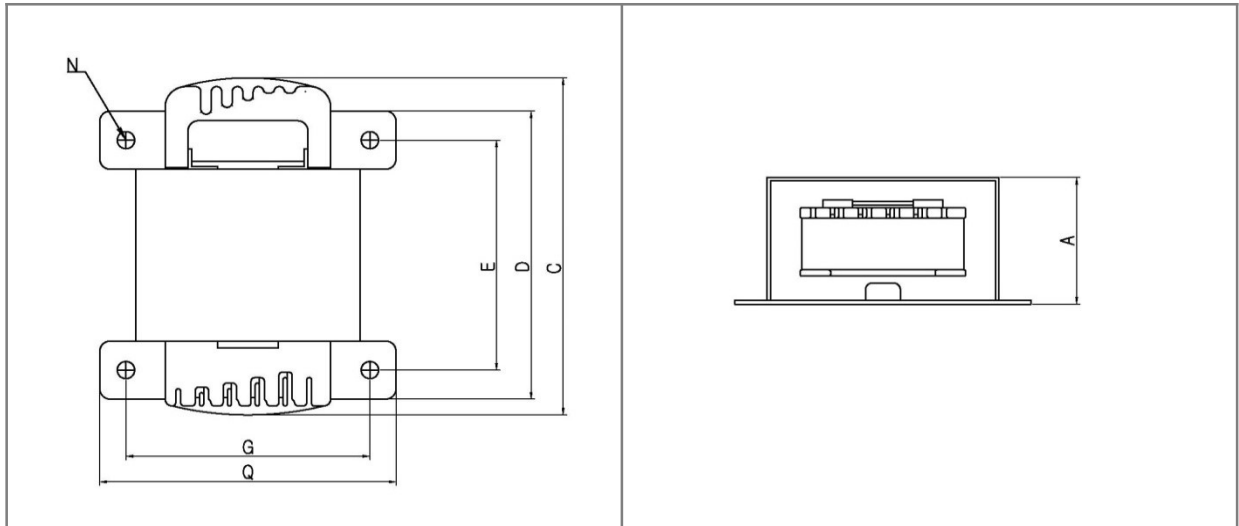
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)						
			A	C	D	E	G	Q	N
F-LB76.230	90	1600	73.5	73.0	OPTION				
F-LB76.242	100	2200	73.5	84.0					
F-LB85.845	170	2800	81.5	92.0					
F-LB9640	190	2900	90.0	93.0					
F-LB9661	240	4100	90.0	92.0					
F-LB10555	280	4200	97.5	109.0					
F-LB11452	300	5000	106.6	108.0					

# Power transformer (P/T)

Lead Wire type(Chassis assembly)

SL-B


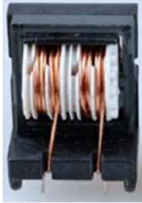






Dimension

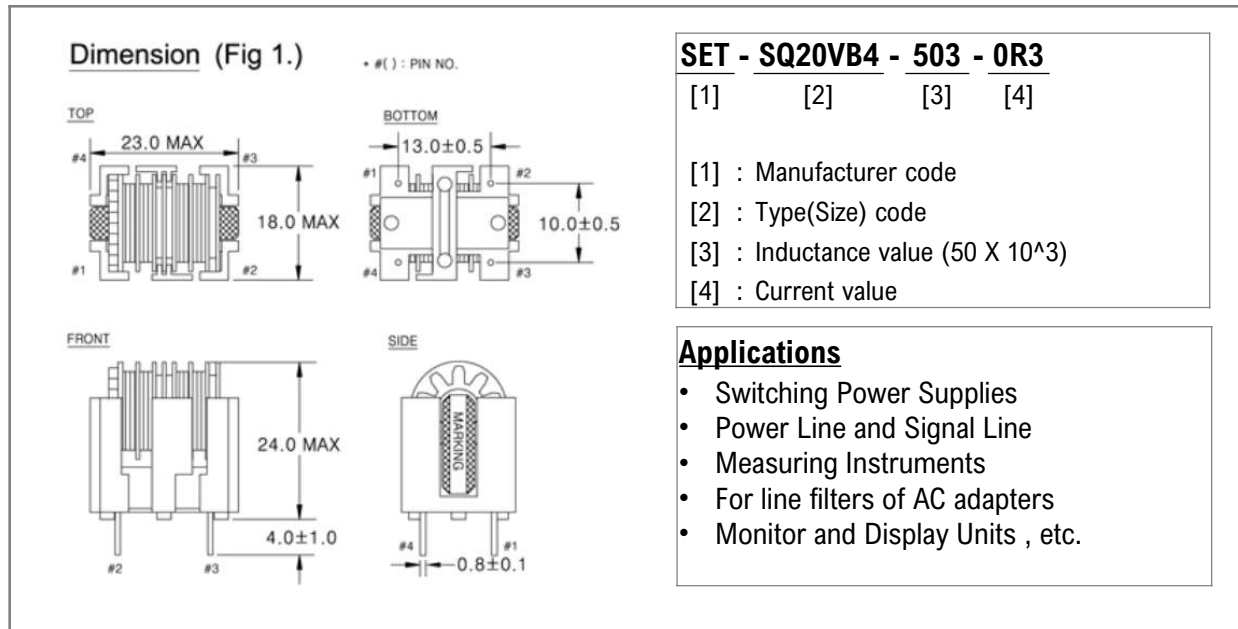
(Unit : mm,MAX)

MODEL	VA	Weight (Gr)	DIMENSIONS(mm)							
			A	C	D	E	G	Q	N	
SL-B-6440	35	800	45.0	100.0	OPTION					
SL-B-6455	45	1050	45.0	109.0						
SL-B-6465	45	1200	45.0	119.0						
SL-B-8045	80	1250	50.0	104.0						
SL-B-8090	120	2300	50.0	128.0						

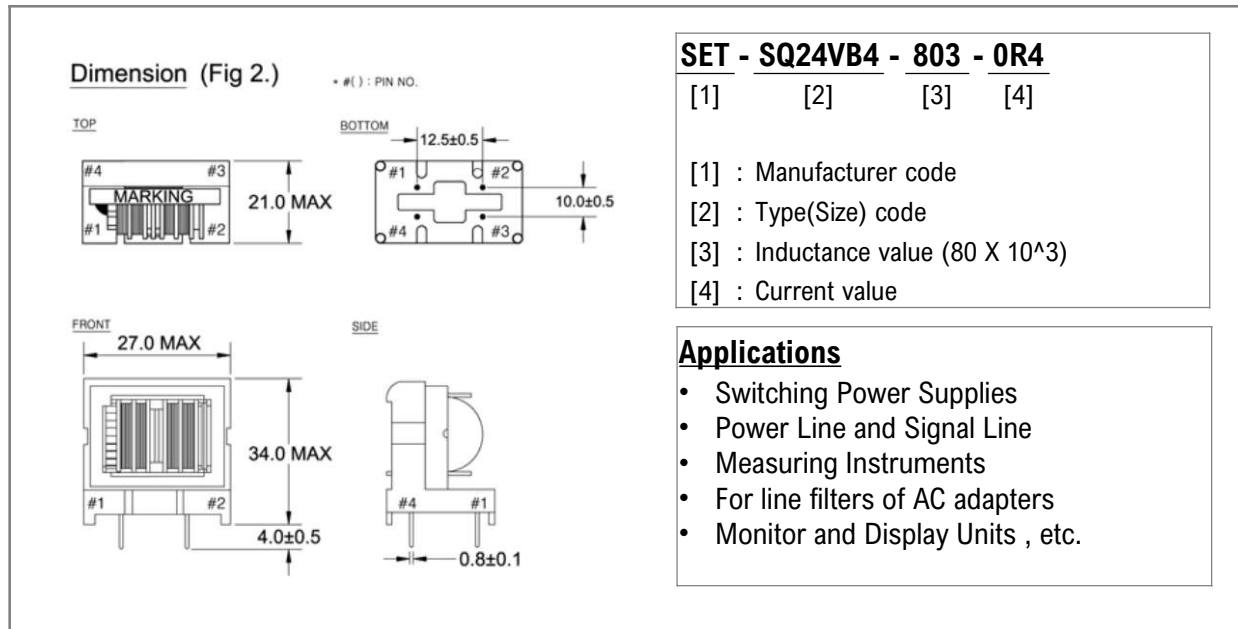
## Product introduce

Type	Small power	V- shape	H-shape
<b>SQE Type</b>	 <p>SQ2014</p>	 <p>SQ2020 SQ2424 SQ2828 SQ3535</p>	 <p>SQ2020H SQ2424H SQ2828H SQ3535H</p>
<b>UU Type</b>	 <p>UU1014</p>	 <p>UU1116 UU1620</p>	 <p>UU1116H</p>

Type	Series	INDUCTANCE (mH)		CURRENT (A)		REMARK
		MIN	MAX	MIN	MAX	
<b>SQE Type</b>	<b>SQ2014</b>	5	50	0.4	1.0	
	<b>SQ2020</b>	5	60	0.4	1.5	
	<b>SQ2424</b>	6	80	0.4	1.8	
	<b>SQ2828</b>	6	95	0.7	2.5	
<b>UU Type</b>	<b>UU1014</b>	1.3	20	0.2	0.7	
	<b>UU1116</b>	3	30	0.4	1.0	
	<b>UU1620</b>	3	45	0.5	2.0	

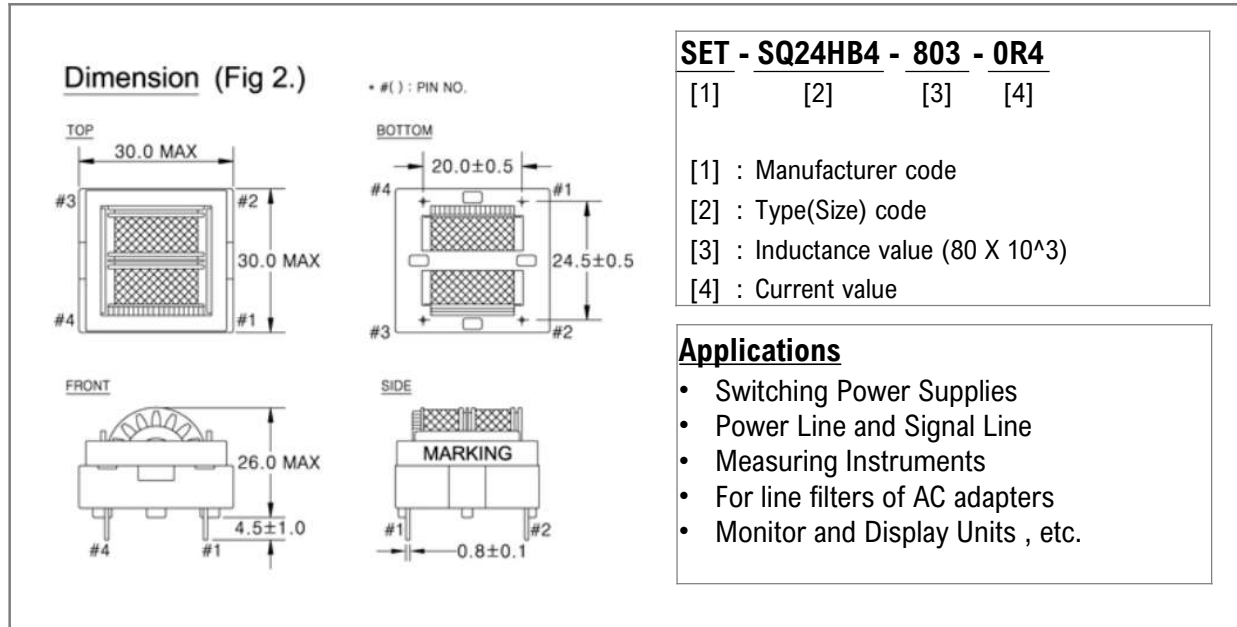


TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
SQ2014	SET-SQ20VB4-503-0R4	50.0mH	0.4	
	SET-SQ20VB4-353-0R5	35.0mH	0.5	
	SET-SQ20VB4-273-0R6	27.0mH	0.6	
	SET-SQ20VB4-103-0R8	10.0mH	0.8	
	SET-SQ20VB4-502-1R0	5.0mH	1.0	



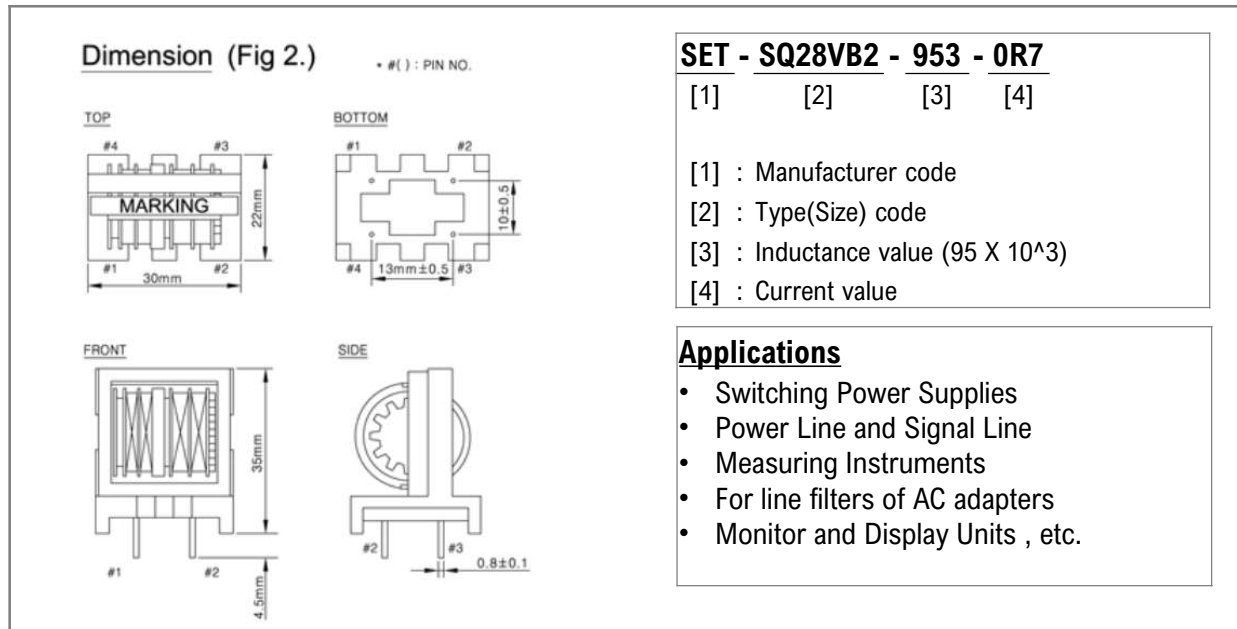
TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
SQ2424 2SECTION	SET-SQE24VB2-803-0R4	80.0mH	0.4	
	SET-SQE24VB2-453-0R6	45.0mH	0.6	
	SET-SQE24VB2-403-0R7	40.0mH	0.7	
	SET-SQE24VB2-303-0R8	30.0mH	0.8	
	SET-SQE24VB2-133-1R2	13.0mH	1.2	
	SET-SQE24VB2-602-1R8	6.0mH	1.8	

TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
SQ2424 4SECTION	SET-SQE24VB4-503-0R5	50.0mH	0.5	
	SET-SQE24VB4-303-0R7	30.0mH	0.7	
	SET-SQE24VB4-243-0R8	24.0mH	0.8	
	SET-SQE24VB4-153-1R0	15.0mH	1.0	
	SET-SQE24VB4-702-1R5	7.0mH	1.5	
	SET-SQE24VB4-502-1R8	5.0mH	1.8	



TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
<b>SQ2424H 2SECTION</b>	SET-SQE24HB2-803-0R4	80.0mH	0.4	
	SET-SQE24HB2-453-0R6	45.0mH	0.6	
	SET-SQE24HB2-403-0R7	40.0mH	0.7	
	SET-SQE24HB2-303-0R8	30.0mH	0.8	
	SET-SQE24HB2-133-1R2	13.0mH	1.2	
	SET-SQE24HB2-602-1R8	6.0mH	1.8	

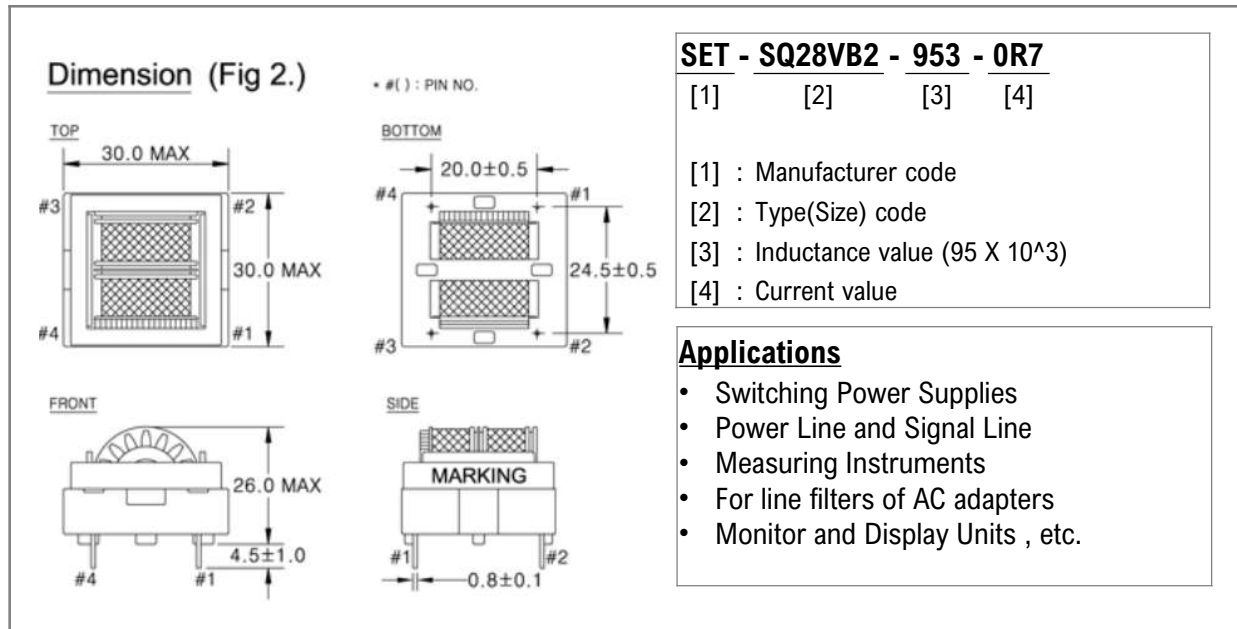
TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
<b>SQ2424H 4SECTION</b>	SET-SQE24HB4-503-0R5	50.0mH	0.5	
	SET-SQE24HB4-303-0R7	30.0mH	0.7	
	SET-SQE24HB4-243-0R8	24.0mH	0.8	
	SET-SQE24HB4-153-1R0	15.0mH	1.0	
	SET-SQE24HB4-702-1R5	7.0mH	1.5	
	SET-SQE24HB4-502-1R8	5.0mH	1.8	



TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
<b>SQ2828 2SECTION</b>	SET-SQE28VB2-953-0R7	95.0mH	0.7	
	SET-SQE28VB2-653-0R8	65.0mH	0.8	
	SET-SQE28VB2-403-1R1	40.0mH	1.1	
	SET-SQE28VB2-203-1R5	20.0mH	1.5	
	SET-SQE28VB2-113-2R0	11.0mH	2.0	

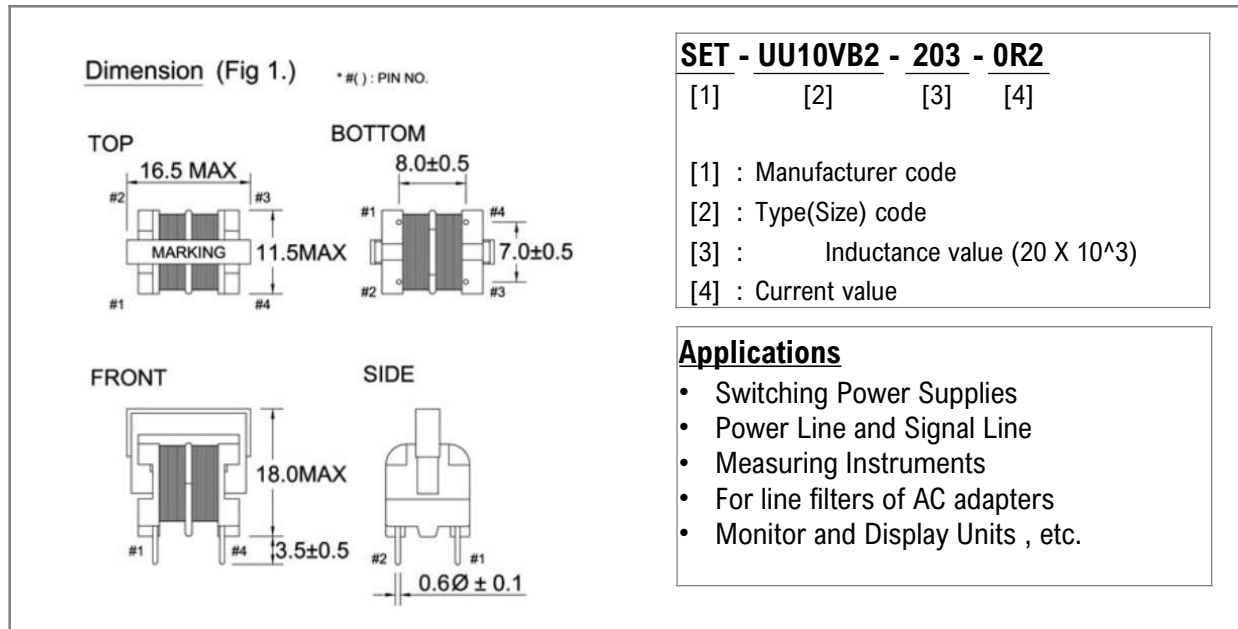
TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
<b>SQ2828 4SECTION</b>	SET-SQE28VB4-453-0R8	45.0mH	0.8	
	SET-SQE28VB4-333-1R0	33.0mH	1.0	
	SET-SQE28VB4-133-1R5	13.0mH	1.5	
	SET-SQE28VB4-802-2R0	8.0mH	2.0	
	SET-SQE28VB4-602-2R5	6.0mH	2.5	



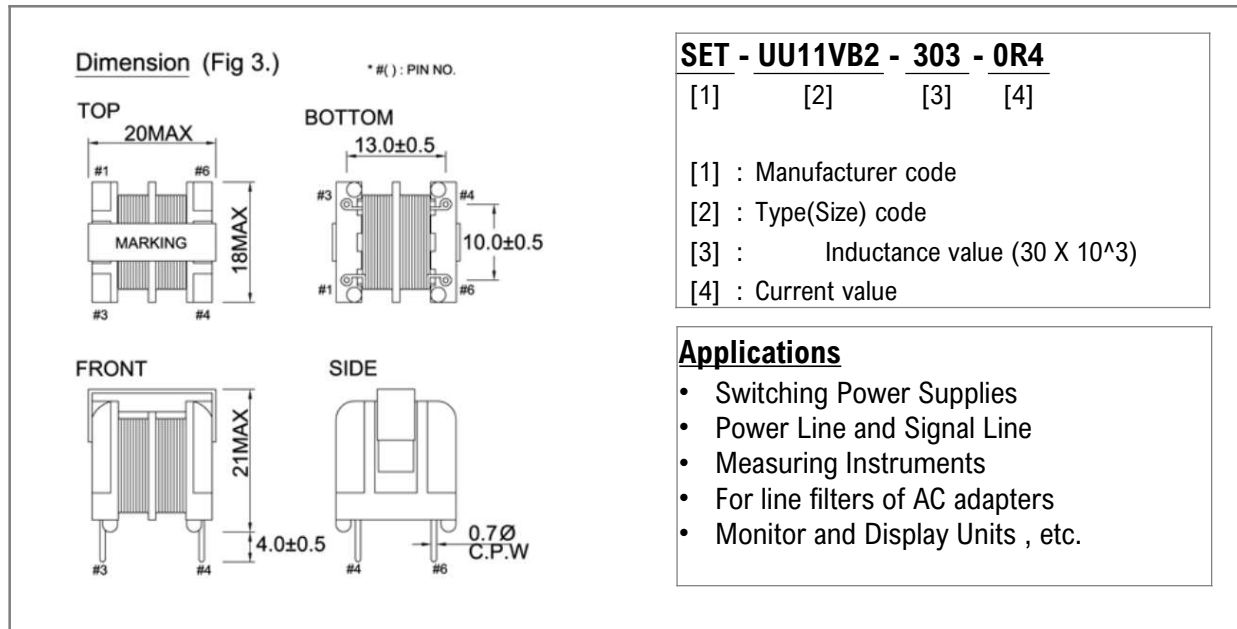


TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
<b>SQ2828H 2SECTION</b>	SET-SQE28VB2-953-0R7	95.0mH	0.7	
	SET-SQE28VB2-653-0R8	65.0mH	0.8	
	SET-SQE28VB2-403-1R1	40.0mH	1.1	
	SET-SQE28VB2-203-1R5	20.0mH	1.5	
	SET-SQE28VB2-113-2R0	11.0mH	2.0	

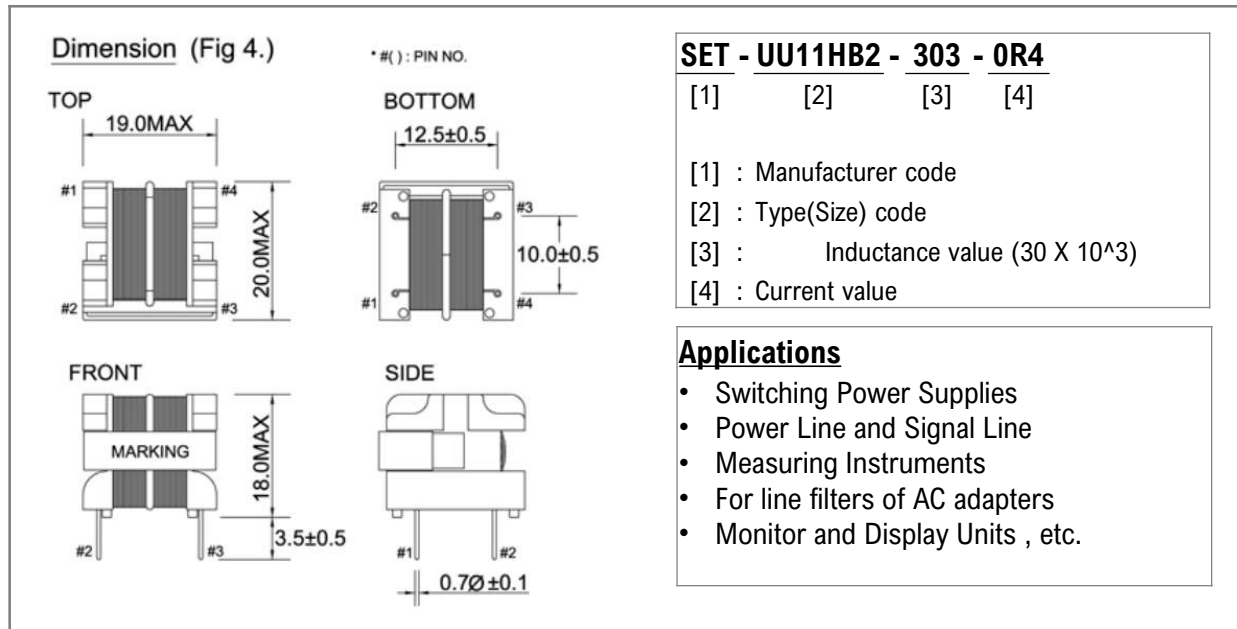
TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
<b>SQ2828H 4SECTION</b>	SET-SQE28VB4-453-0R8	45.0mH	0.8	
	SET-SQE28VB4-333-1R0	33.0mH	1.0	
	SET-SQE28VB4-133-1R5	13.0mH	1.5	
	SET-SQE28VB4-802-2R0	8.0mH	2.0	
	SET-SQE28VB4-602-2R5	6.0mH	2.5	



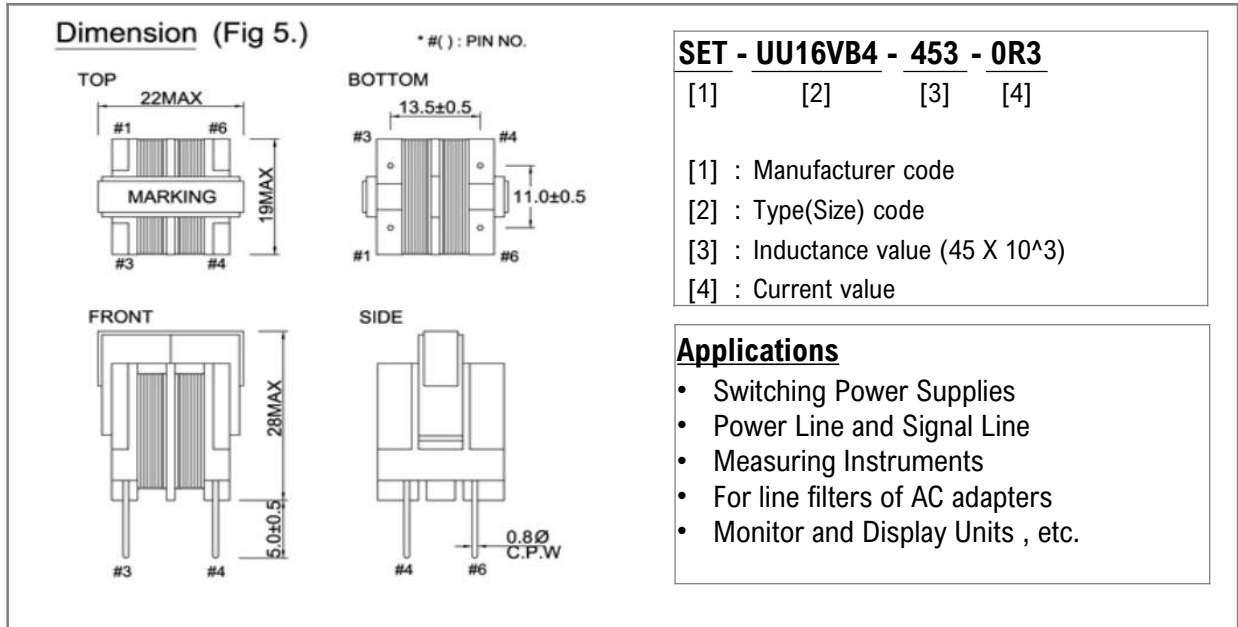
TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
UU1014 2SECTION	SET-UU10VB2-203-0R2	20.0mH	0.2	
	SET-UU10VB2-153-0R2	15.0mH	0.2	
	SET-UU10VB2-103-0R3	10.0mH	0.3	
	SET-UU10VB2-282-0R5	2.8mH	0.5	
	SET-UU10VB2-132-0R7	1.3mH	0.7	



TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
UU1116 2SECTION	SET-UU11VB2-303-0R4	30.0mH	0.4	
	SET-UU11VB2-253-0R5	25.0mH	0.5	
	SET-UU11VB2-153-0R7	15.0mH	0.7	
	SET-UU11VB2-103-0R8	10.0mH	0.8	
	SET-UU11VB2-302-1R0	3.0mH	1.0	






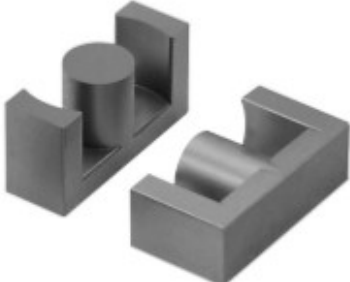


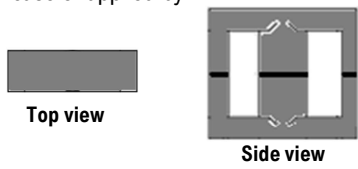
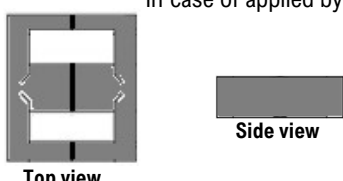
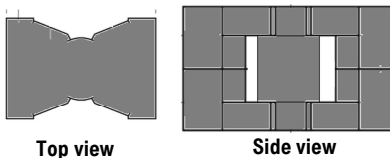
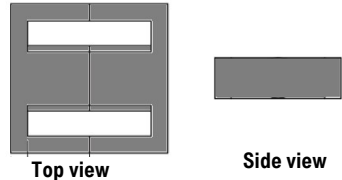
TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
UU1116H 2SECTION	SET-UU11HB2-303-0R4	30.0mH	0.4	
	SET-UU11HB2-253-0R5	25.0mH	0.5	
	SET-UU11HB2-153-0R7	15.0mH	0.7	
	SET-UU11HB2-103-0R8	10.0mH	0.8	
	SET-UU11HB2-302-1R0	3.0mH	1.0	



TYPE	PART NO	INDUCTANCE (mH) MIN	CURRENT (A)	REMARK
<b>UU-1620 4SECTION</b>	SET-UU16VB4-453-0R3	45.0mH	0.3	
	SET-UU16VB4-153-0R6	15.0mH	0.6	
	SET-UU16VB4-702-0R8	7.0mH	0.8	
	SET-UU16VB4-502-1R0	5.0mH	1.0	
	SET-UU16VB4-302-1R3	3.0mH	1.3	

# Switching Transformer (S/W)

## Switching Transformer

General Type [V shape ,H shape]	High power Type [V shape]	Low height Type [H shape]
 <p><b>EE</b> – Low ~ Middle power</p>	 <p><b>EER(W)</b> – Middle power</p>	 <p><b>EFD</b> – Low ~ Middle power</p>
 <p><b>EER</b> – Low ~ High power</p>	 <p><b>PQ</b> – Middle ~ High power</p>	 <p><b>EPC</b> – Low ~ Middle power</p>
<p>In case of applied by "V"</p>  <p><b>Top view</b>      <b>Side view</b></p> <hr/> <p>In case of applied by "H"</p>  <p><b>Top view</b>      <b>Side view</b></p>	<p><b>V shape only</b> <b>V shape only</b></p>  <p><b>Top view</b>      <b>Side view</b></p>	<p><b>H shape only</b></p>  <p><b>Top view</b>      <b>Side view</b></p>

# Switching Transformer (S/W)

## Switching Transformer

Power	PART NO	CORE (Ae)	Po MAX(W) FLYBACK f=65K Hz	REMARK
Very Low consume - Charger - Adaptor	SET-EE1312VB-10	EE-1312 (16.0mm <sup>2</sup> )	5W	
	SET-EE1614VB-10	EE-1614 (18.4mm <sup>2</sup> )	10W	
	SET-EE1616HB-08	EE-1616 (20.1mm <sup>2</sup> )	10W	
	SET-EE1625VB-10	EE-1625 (20.1mm <sup>2</sup> )	10W	
	SET-EE1916VB-08	EE-1916 (22.8mm <sup>2</sup> )	15W	
Low consume	SET-EE2020VB-11	EE-2020 (32.2mm <sup>2</sup> )	20W	
	SET-EE2219VB-10	EE-2219 (39.5mm <sup>2</sup> )	25W	
	SET-EE2519VB-11	EE-2519 (40.4mm <sup>2</sup> )	25W	
	SET-EE2525VB-14	EE-2525 (47.7mm <sup>2</sup> )	30W	
	SET-EFD2525HB-10	EFD-2525 (58.0mm <sup>2</sup> )	35W	
	SET-EFD2525HB-11	EFD-2525 (58.0mm <sup>2</sup> )	35W	
	SET-EE2820VB-10	EE-2820(97.5mm <sup>2</sup> )	55W	
	SET-ER2828VB-12	ER-2828(86.0mm <sup>2</sup> )	50W	
	SET-ER2828VB-15	ER-2828(86.0mm <sup>2</sup> )	50W	
	SET-ER2828HB-12	ER-2828(86.0mm <sup>2</sup> )	50W	
	SET-ER2828HB-13	ER-2828(86.0mm <sup>2</sup> )	50W	
	SET-ER2834VB-12	ER-2834(83.1mm <sup>2</sup> )	50W	
	SET-ER2834HB-12	ER-2834(83.1mm <sup>2</sup> )	50W	
	SET-ER3019VB-10	ER-3019(130.7mm <sup>2</sup> )	80W	
	SET-ER3022VB-24	ER-3022(76.2mm <sup>2</sup> )	45W	
	SET-ER3124VB-10	ER-3124(97.9mm <sup>2</sup> )	60W	
	SET-EE3327VB-14	EE-3327(123mm <sup>2</sup> )	75W	
	SET-ER3435VB-12	ER-3435(97.0mm <sup>2</sup> )	85W	
	SET-ER3435HB-14	ER-3435(97.0mm <sup>2</sup> )	85W	

# Switching Transformer (S/W)

## Switching Transformer

Power	PART NO	CORE (Ae)	Po MAX(W) FLYBACK f=65K Hz	REMARK
Middle consume       High Consume	SET-ER3541VB-12	ER-3541(109mm <sup>2</sup> )	110W	
	SET-ER3541VB-14	ER-3541(109mm <sup>2</sup> )	110W	
	SET-ER3541VB-16	ER-3541(109mm <sup>2</sup> )	110W	
	SET-ER3541HB-16	ER-3541(109mm <sup>2</sup> )	110W	
	SET-ER4042VB-16	ER-4042(158mm <sup>2</sup> )	190W	
	SET-ER4042HB-16	ER-4042(158mm <sup>2</sup> )	190W	
	SET-ER4220VB-18	ER-4220(234mm <sup>2</sup> )	260W	
	SET-ER4220HB-14	ER-4220(234mm <sup>2</sup> )	260W	
	SET-ER4228VB-18	ER-4228(235mm <sup>2</sup> )	170W	
	SET-ER4233VB-18	ER-4233(235mm <sup>2</sup> )	170W	
	SET-ER5345VB-18	ER-5345(318mm <sup>2</sup> )	450W	
High efficiency Model	SET-ER3435HB2G-12	ER-3435 (97.0mm <sup>2</sup> )	85W	Resonant Type
	SET-ER3543HB2G-16	ER-3543 (109mm <sup>2</sup> )	120W	
	SET-ER3944HB2G-16	ER-3944 (125mm <sup>2</sup> )	170W	
	SET-ER4244HB2G-17	ER-4244 (164mm <sup>2</sup> )	200W	
	SET-ER4445HB2G-20	ER-4445 (173mm <sup>2</sup> )	240W	
	SET-ER4950HB2G-20	ER-4950 (211mm <sup>2</sup> )	360W	









No	Load	Consider point	Remark
1	Motor	Spike(Surge) Current 300%~700% from rated current	
2	Light(LED)	Start(Turn on) Voltage higher than total LED Vf voltage	
		Input inrush current	
		Output CCM( Constant current Mode) control	
		Cold start	
		Set non cooling , temperature(Life time)	
3	Audio	Peak current 300%~500% from rated current	
		Temp rising current	
4	Medical	Safety for medical grade	
		Leakage current	

No	Protect	Contents	Option	Remark
1	SCP	Short Circuit Protect	Basic	
2	OCP - Normal	Over Circuit Protect	Basic	
3	OCP - Detail	Over current protection_Curve	Option	TBD
4		Over current protection_Accurate	Option	TBD
5	OVP	Over Voltage Protection	Basic	
6	OVP - Detail	Over Voltage Protection_Direct detect and adjust timing	Option	TBD
7	Brown out	Low input protection	Option	TBD
8	OTP	Over Temp Protection	Basic	
9	OTP - Detail	Over Temp Protection_Particular part detect	Option	TBD

No	Rated power	No Load consume	Normal Size	Ripple / Noise	Remark
1	5W	0.1W / 240VAC	35 X 50 X 15	± 0.3%	
2	10W		50 X 50 X 20		
3	30W		60 X 100 X 25		
4	50W		60 X 120 X 25		
5	80W		80 X 150 X 30		
6	150W		80 X 150 X 30		
7	200W		120 X 195 X 35		
8	150W		150 X 195 X 35		
9	250W		150 X 195 X 35		
10	300W		195 X 195 X 35		
11	600W		250 X 195 X 35		

Main Customer	Products with our SMPS			SMPS Power capacity
	<p><b>High Power Audio System</b></p> 	<p><b>High Power Home Audio System</b></p> 	<p><b>High Power Home Audio System</b></p> 	<p>1300W ~ 2200W</p>
	<p><b>SOUND BAR + SUB WOOFER</b></p> 			<p>120W ~ 180W</p>
	<p><b>All IN ONE Min audio</b></p> 			<p>30W</p>

Main Customer	Products with our SMPS	SMPS Power capacity
		180W ~ 300W
		
 	<p style="text-align: center;"><b>SOUND BAR + SUB WOOFER</b></p> 	130W

Main Customer	Products with our SMPS	SMPS Power capacity
	 	200W ~ 400W
	 	230W