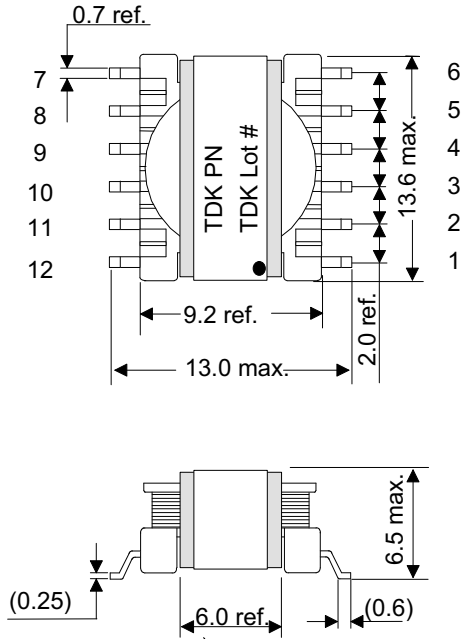
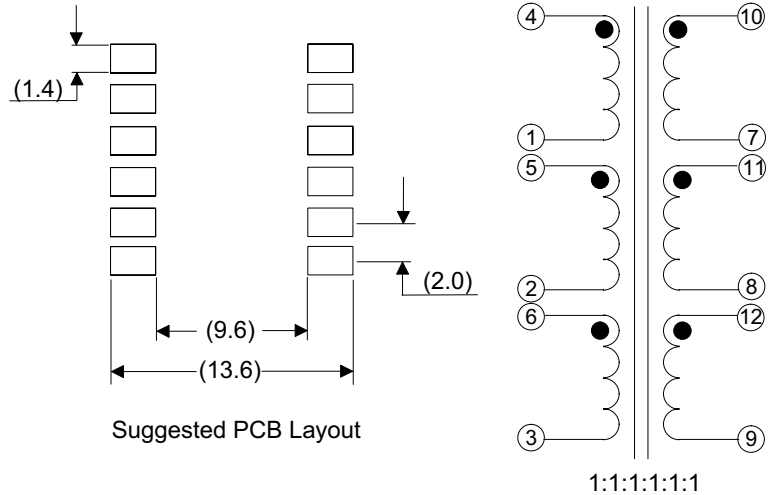


TDK SMD MULTI WINDING TRANSFORMER PCA11/5ER SERIES

Mechanical



Schematic



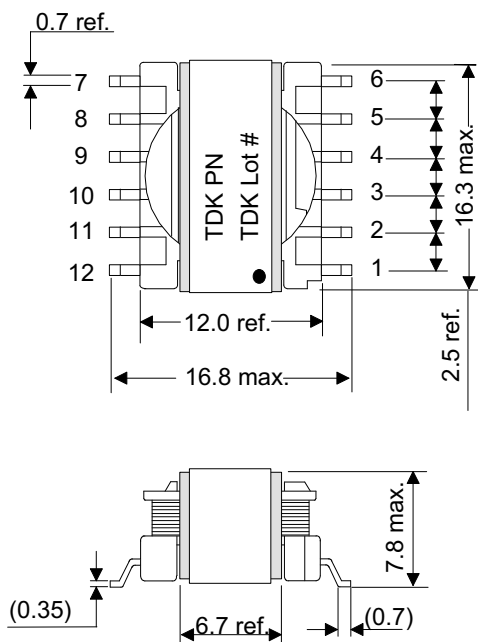
TDK Part Number	Inductance uH		*1 Idc 1 Amps (Typ.)		*2 Idc 2 Amps (Typ.)		DCR m Ohms (±15%)		ET Constant µV-S (Max.)		Leakage Inductance nH (Typ.)
	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	
PCA11/5ER-U01S002	193.0±30%	6.9mH±30%	0.11	0.02	2.6	0.44	44.4	1607	42.8	257	183
PCA11/5ER-U02S002	85.8±30%	3.1mH±30%	0.17	0.03	4.2	0.70	18.4	668	28.6	171	155
PCA11.5ER-U03S002	27.4±20%	985±20%	1.76	0.29	2.6	0.44	44.4	1607	42.8	257	183
PCA11/5ER-U04S002	12.2±20%	438±20%	2.60	0.43	4.2	0.70	18.4	668	28.6	171	155
PCA11/5ER-U05S002	14.7±20%	529±20%	3.74	0.62	2.6	0.44	44.4	1607	42.8	257	183
PCA11/5ER-U06S002	6.5±20%	235±20%	5.26	0.88	4.2	0.70	18.4	668	28.6	171	155
PCA11/5ER-U07S002	10.9±20%	394±20%	5.19	0.87	2.6	0.44	44.4	1607	42.8	257	183
PCA11/5ER-U08S002	4.9±20%	175±20%	7.50	1.25	4.2	0.70	18.4	668	28.6	171	155
PCA11/5ER-U09S002	8.5±20%	306±20%	6.57	1.10	2.6	0.44	44.4	1607	42.8	257	183
PCA11/5ER-U10S002	3.8±20%	136±20%	9.24	1.54	4.2	0.70	18.4	668	28.6	171	155

Electrical Specifications @ 23 degrees C

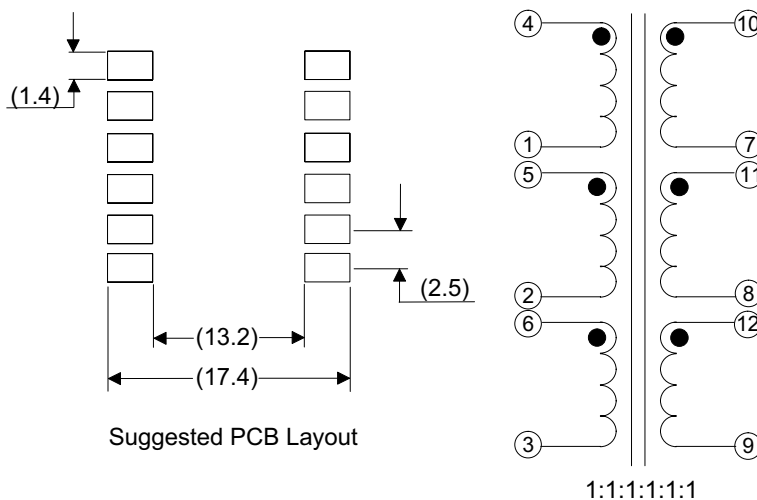
- *1 Idc 1 = Depend on inductance saturation . (-30% reduction from nominal L value)
- *2 Idc 2 = depend on self temperature rise. (40 degC typ at specified Idc2)
- *3 Parallel 6 coil connected in parallel
- *4 Series 6 coil connected in series.

TDK SMD MULTI WINDING TRANSFORMER PCA 14.5/6ER SERIES

Mechanical



Schematic



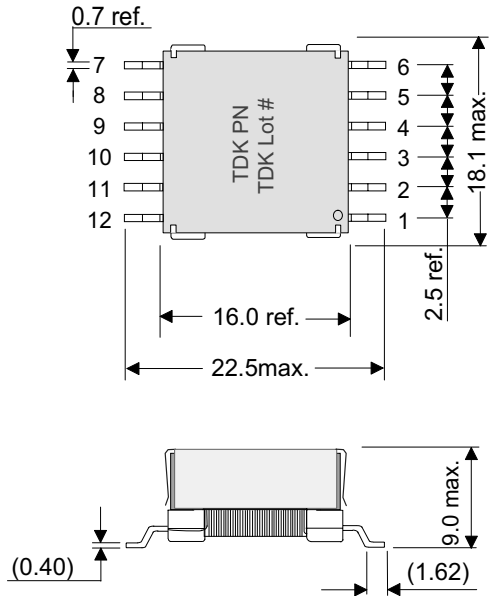
TDK Part Number	Inductance uH		*1 Idc 1 Amps (Typ.)		*2 Idc 2 Amps (Typ.)		DCR m Ohms (±15%)		ET Constant µV-S (Max.)		Leakage Inductance nH (Typ.)
	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	
PCA14.5/6ER-U01S002	160.0±30%	5.8mH±30%	0.2	0.03	5.9	0.98	18.0	662	53.0	317	120
PCA14.5/6ER-U02S002	78.4±30%	2.8mH±30%	0.3	0.04	7.9	1.32	9.8	356	37.0	222	103
PCA14.5/6ER-U03S002	21.6±20%	778±20%	3.1	0.52	5.9	1.00	18.0	662	53.0	317	120
PCA14.5/6ER-U04S002	10.6±20%	381±20%	4.8	0.80	7.9	1.32	9.8	356	37.0	222	103
PCA14.5/6ER-U05S002	11.6±20%	418±20%	6.5	1.08	5.9	1.00	18.0	662	53.0	317	120
PCA14.5/6ER-U06S002	5.7±20%	205±20%	8.8	1.46	7.9	1.32	9.8	356	37.0	222	103
PCA14.5/6ER-U07S002	8.3±20%	299±20%	9.6	1.60	5.9	1.00	18.0	662	53.0	317	120
PCA14.5/6ER-U08S002	4.1±20%	146±20%	14.3	2.38	7.9	1.32	9.8	356	37.0	222	103
PCA14.5/6ER-U09S002	6.6±20%	238±20%	12.5	2.08	5.9	1.00	18.0	662	53.0	222	120
PCA14.5/6ER-U10S002	3.2±20%	116±20%	17.5	2.92	7.9	1.32	9.8	356	37.0	317	103

Electrical Specifications @ 23 degrees C

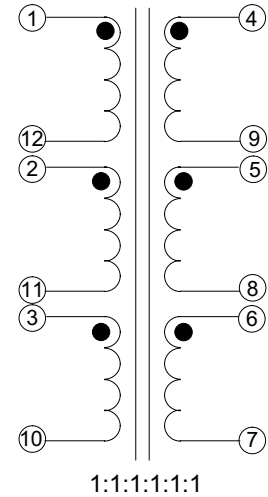
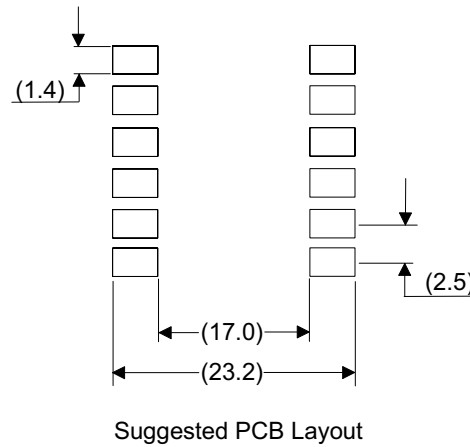
- *1 Idc 1 = Depend on inductance saturation . (-30% reduction from nominal L value)
- *2 Idc 2 = depend on self temperature rise. (40 degC typ at specified Idc2)
- *3 Parallel 6 coil connected in parallel
- *4 Series 6 coil connected in series.

TDK SMD MULTI WINDING TRANSFORMER PCA15EFD SERIES

Mechanical



Schematic



TDK Part Number	Inductance uH		*1 Idc 1 Amps (Typ.)		*2 Idc 2 Amps (Typ.)		DCR m Ohms (±15%)		ET Constant µV-S (Max.)		Leakage Inductance nH (Typ.) Single
	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	
PCA15EFD-U01S003	169.0±30%	6.1mH±30%	0.1	0.02	6.4	1.07	12.9	466	47.4	284	117
PCA15EFD-U02S002	81.0±30%	2.9mH±30%	0.2	0.04	8.0	1.34	8.9	323	32.8	197	98
PCA15EFD-U03S003	23.3±20%	840±20%	2.8	0.46	6.4	1.07	12.9	466	47.4	284	117
PCA15EFD-U04S002	11.2±20%	402±20%	3.8	0.64	8.0	1.34	8.9	323	32.8	197	98
PCA15EFD-U05S003	14.2±20%	511±20%	4.3	0.72	6.4	1.07	12.9	466	47.4	284	117
PCA15EFD-U06S002	6.8±20%	245±20%	7.1	1.19	8.0	1.34	8.9	323	32.8	197	98
PCA15EFD-U07S003	9.3±20%	335±20%	7.6	1.27	6.4	1.07	12.9	466	47.4	284	117
PCA15EFD-U08S002	4.5±20%	160±20%	11.3	1.88	8.0	1.34	8.9	323	32.8	197	98
PCA15EFD-U09S003	7.9±20%	286±20%	9.1	1.51	6.4	1.07	12.9	466	47.4	284	117
PCA15EFD-U10S002	3.8±20%	137±20%	13.4	2.23	8.0	1.34	8.9	323	32.8	197	98

Electrical Specifications @ 23 degrees C

*1 Idc 1 = Depend on inductance saturation . (-30% reduction from nominal L value)

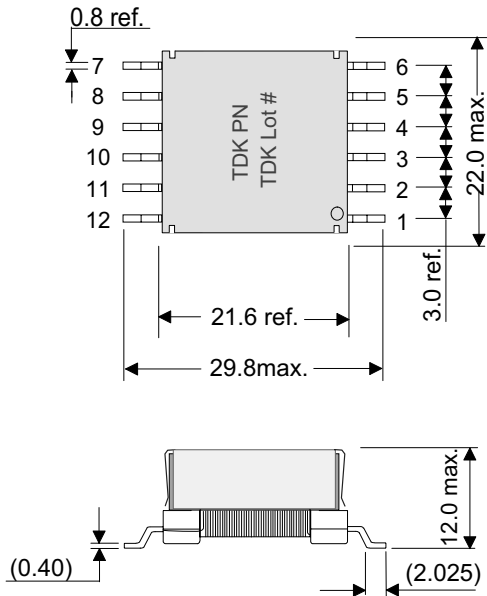
*2 Idc 2 = depend on self temperature rise. (40 degC typ at specified Idc2)

*3 Parallel 6 coil connected in parallel

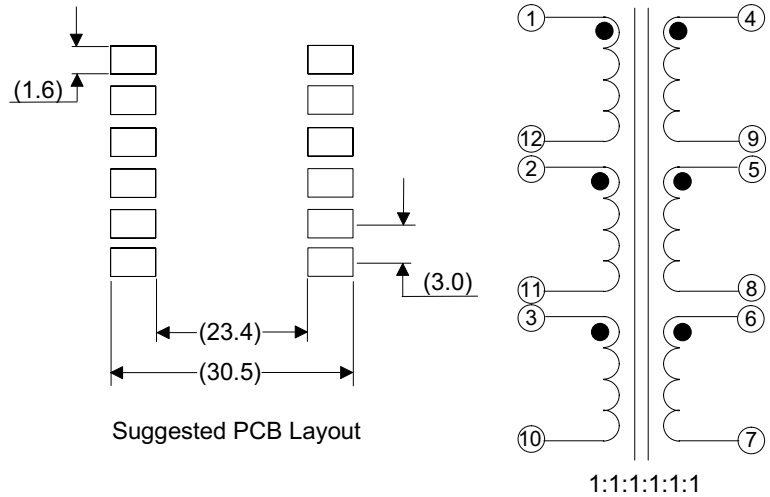
*4 Series 6 coil connected in series.

TDK SMD MULTI WINDING TRANSFORMER PCA20EFD SERIES

Mechanical



Schematic



TDK Part Number	Inductance μH		*1 Idc 1 Amps (Typ.)		*2 Idc 2 Amps (Typ.)		DCR m Ohms ($\pm 15\%$)		ET Constant $\mu\text{V-S}$ (Max.)		Leakage Inductance nH (Typ.) Single
	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	*3 Parallel	*4 Series	
PCA20EFD-U01S003	197.3 $\pm 30\%$	7.1mH $\pm 30\%$	0.2	0.03	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U02S002	87.7 $\pm 30\%$	3.2mH $\pm 30\%$	0.3	0.06	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U03S003	22.3 $\pm 20\%$	804 $\pm 20\%$	6.7	1.11	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U04S002	9.9 $\pm 20\%$	357 $\pm 20\%$	8.6	1.43	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U05S003	12.0 $\pm 20\%$	430 $\pm 20\%$	10.9	1.82	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U06S002	5.3 $\pm 20\%$	191 $\pm 20\%$	16.1	2.68	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U07S003	9.6 $\pm 20\%$	347 $\pm 20\%$	13.3	2.21	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U08S002	4.3 $\pm 20\%$	154 $\pm 20\%$	20.5	3.42	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U09S003	7.6 $\pm 20\%$	275 $\pm 20\%$	17.2	2.86	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U10S002	3.4 $\pm 20\%$	122 $\pm 20\%$	26.2	4.36	12.0	2.0	5.2	188	68	407	109

Electrical Specifications @ 23 degrees C

*1 Idc 1 = Depend on inductance saturation . (-30% reduction from nominal L value)

*2 Idc 2 = depend on self temperature rise. (40degC typ at specified Idc2)

*3 Parallel 6 coil connected in parallel

*4 Series 6 coil connected in series.