



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

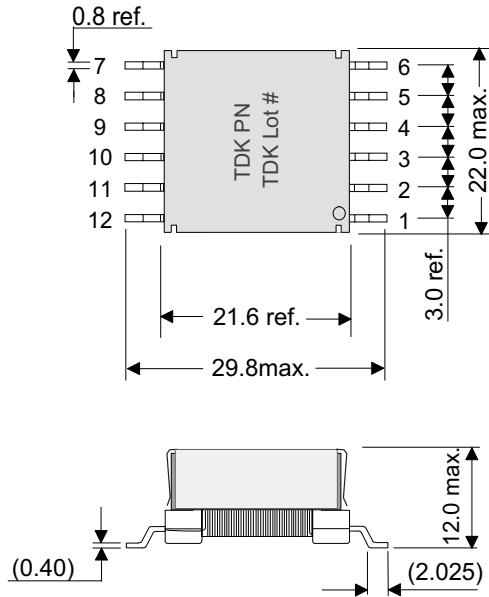
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

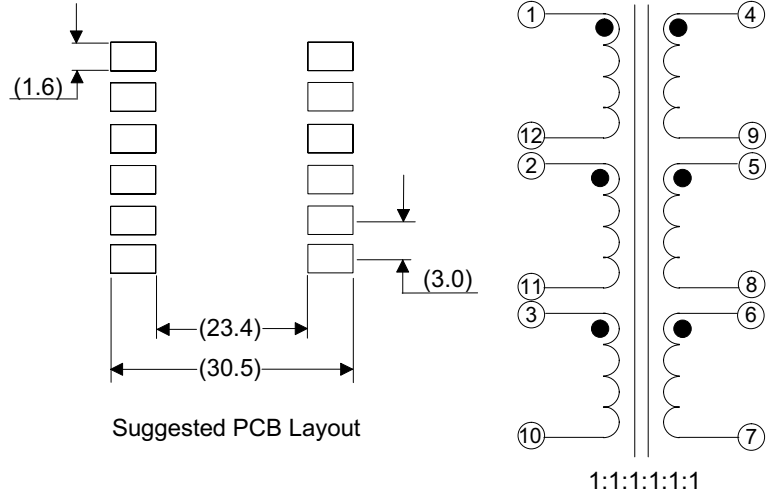


TDK SMD MULTI WINDING TRANSFORMER PCA20EFD SERIES

Mechanical



Schematic



TDK Part Number	Inductance μH @ 10KHz, 0.1 Vrms.		*1 Idc 1 Amps (Typ.)		*2 Idc 2 Amps (Typ.)		DCR m Ohms (±15%)		ET Constant V-μS (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±30%	7.1mH±30%	0.2	0.03	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U02S002	87.7±30%	3.2mH±30%	0.3	0.06	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U03S003	22.3±20%	804±20%	6.7	1.11	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U04S002	9.9±20%	357±20%	8.6	1.43	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U05S003	12.0±20%	430±20%	10.9	1.82	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U06S002	5.3±20%	191±20%	16.1	2.68	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U07S003	9.6±20%	347±20%	13.3	2.21	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U08S002	4.3±20%	154±20%	20.5	3.42	12.0	2.0	5.2	188	68	407	109
PCA20EFD-U09S003	7.6±20%	275±20%	17.2	2.86	9.6	1.6	7.9	285	102	610	160
PCA20EFD-U10S002	3.4±20%	122±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 coils connected in parallel.
- *4 Series 6 coils connected in series.
- Hi - Pot between each individual coil to the other five 500 Vac, 60s, 2mA.
- Operating Temperature -40 degC to +85 degC..

RoHS Compliant :

Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used except for exempted applications.



TDK USA Corporation / Component Engineering Laboratory

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