



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!



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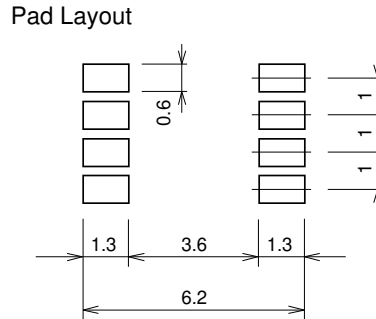
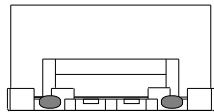
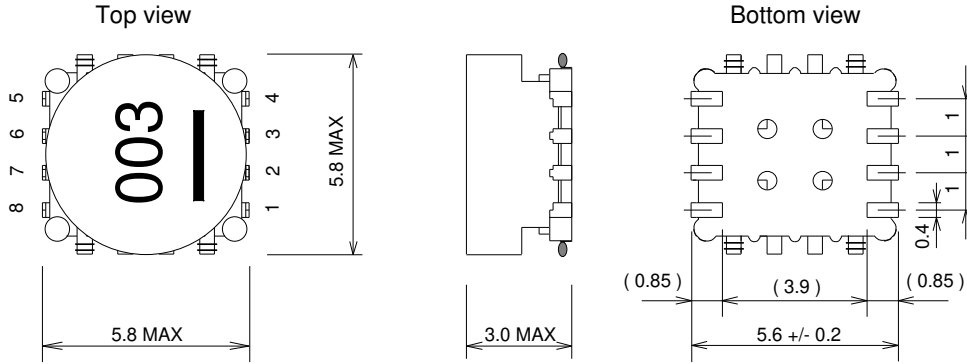
# TDK SMD Transformers

## Photoflash Capacitor Charging Transformer

### LDT565630T-003

**Mechanical**

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.



Note : Non applicable application : Military, Medical.

**Electrical Specifications at 25degreesC**

1. Inductance 5 - 8 : 10.5uH +/-15% at 100kHz, 20mVrms
2. Leakage Inductance 5 - 8 ( short 1 - 4 ) : 500nH MAX at 100kHz, 20mVrms
3. DC Resistance 5 - 8 : 210 mOhm MAX.  
1 - 4 : 14.0 Ohm MAX.
4. Capacitance 5 - 1 : 20pF MAX.
5. Withstanding Voltage Pri. - Sec. : 500Vrms
6. Operating Temperature -20 ~ 110 deg. ( included self temperature rise )

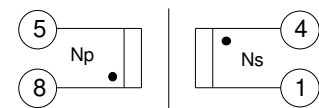
Mass : 0.25 g

Unit : mm.

Maximum primary switching current : 1.0A at 100degreesC waveform



**Schematics**



Turns Ratio  
1 : 10.2 +/- 3%  
Dot marks mean polarity