

## Excellent Integrated System Limited

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[TDK Corporation](#)  
[LDT565630T-041](#)

For any questions, you can email us directly:

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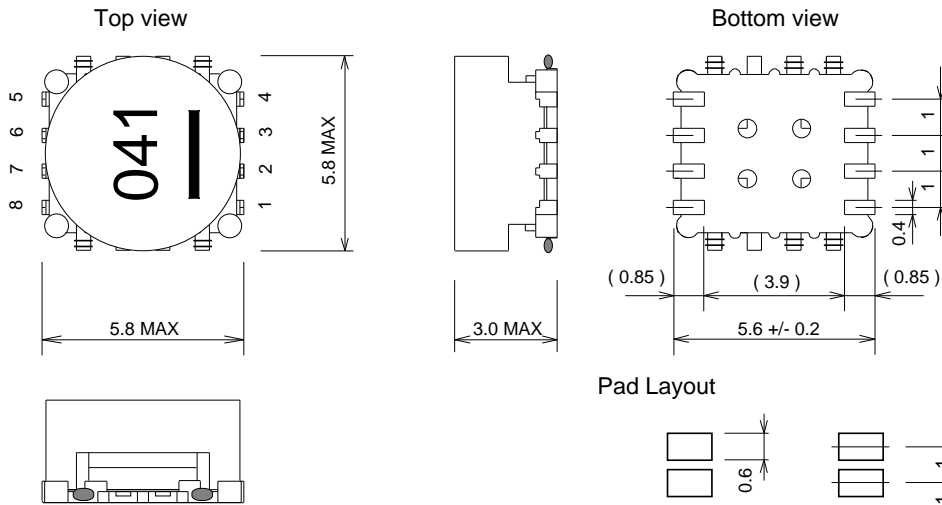
# TDK SMD Transformers

## Photoflash Capacitor Charging Transformer

### LDT565630T-041

**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.

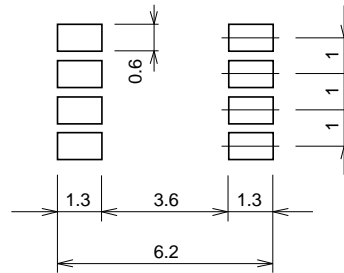
**Electrical Specifications at 25degreesC**

1. Inductance 5,6 - 7,8 : 4.7uH +/-15% at 100kHz, 20mVrms
2. Leakage Inductance 5,6 - 7,8 ( short 1 - 4 ) : 150nH MAX at 100kHz, 20mVrms
3. DC Resistance 5,6 - 7,8 : 90 mOhm MAX.  
1 - 4 : 6.40 Ohm MAX.
4. Withstanding Voltage Pri. - Sec. : 500Vrms
5. Operating Temperature -20 ~ 110 deg. ( included self temperature rise )

Maximum primary switching current : 2.0A at 100degreesC waveform



**Pad Layout**



Mass : 0.25 g

Unit : mm.

**Schematics**

