



**THE DATASHEET OF
LDT565630T-002**



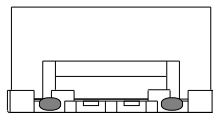
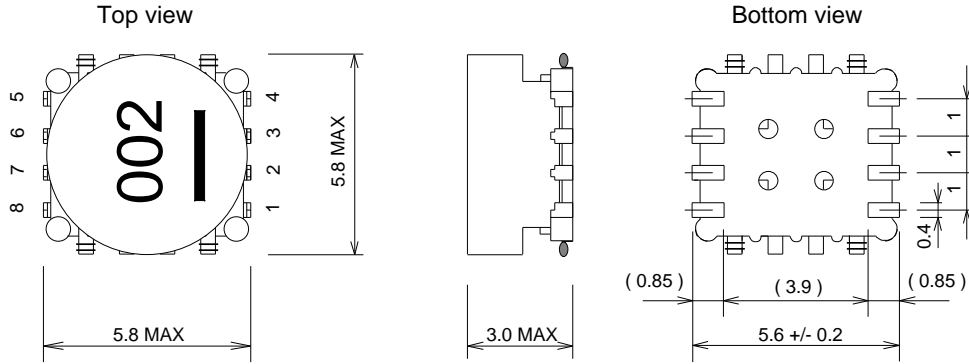
TDK SMD Transformers

Photoflash Capacitor Charging Transformer

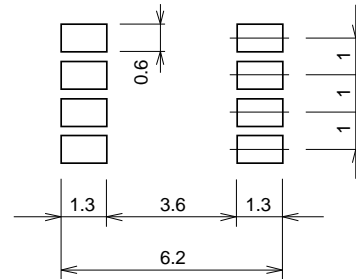
LDT565630T-002

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.



Pad Layout



Mass : 0.25 g

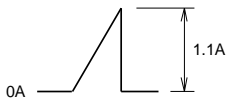
Unit : mm.

Note : Non applicable application : Military, Medical.

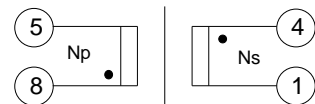
Electrical Specifications at 25degreesC

1. Inductance 5 - 8 : 14.5uH +/-15% at 100kHz, 20mVrms
2. Leakage Inductance 5 - 8 (short 1 - 4) : 500nH MAX at 100kHz, 20mVrms
3. DC Resistance 5 - 8 : 240 mOhm MAX.
1 - 4 : 16.5 Ohm MAX.
4. Capacitance 5 - 1 : 20pF MAX.
5. Withstanding Voltage Pri. - Sec. : 500Vrms
6. Operating Temperature -20 ~ 110 deg. (included self temperature rise)

Maximum primary switching current : 1.1A at 100degreesC waveform



Schematics



Turns Ratio
1 : 10.2 +/- 2%
Dot marks mean polarity

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