



# SHIELDED POWER INDUCTOR TLIDVWE6270



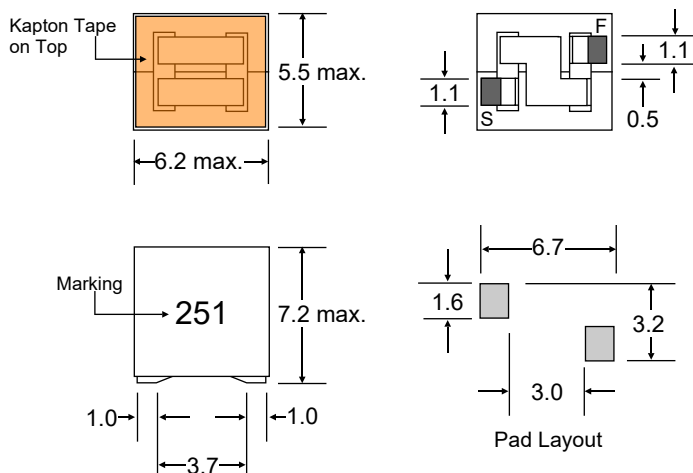
## Features:

- Shielded Power Inductor
- For High Power Conversion & Filtering Applications
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +105°C

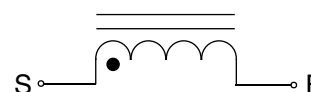
## Electrical Specifications @25°C

Part Number	Inductance (nH $\pm 10\%$ ) @100kHz, 1V	Inductance@ Isat (nH Min.) @100kHz, 1V	Rated Current (ADC @ $\Delta T < 45^\circ\text{C}$ )	Saturation Current (Isat) (ADC @25°C)	Saturation Current (Isat) (ADC @100°C)	DCR (m $\Omega$ $\pm 8\%$ )
TLIDVWE6270-251K	250	180	22	38	31	1.46

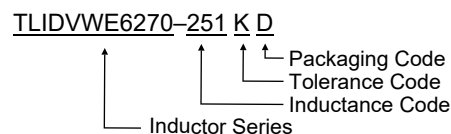
## Dimensions



## Schematic



## Part Numbering



- Resistance to Solder Heat: 260°C Peak (Reflow)
- Ordering Information:  
TLIDVWE6270-xxxKD - 330mm reel (700pcs./reel)  
TLIDVWE6270-xxxKB - Bulk