

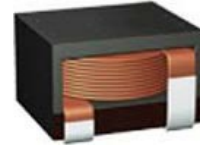


# Power Inductor TLINT0864C-R46MG



## Features

- High Current Power Inductor
- Used in Power Conversions and Filtering Circuits
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +125°C
- Halogen-free & RoHs compliant



## Electrical Characteristics @25°C

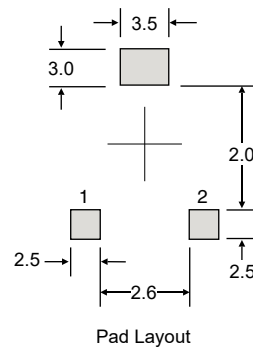
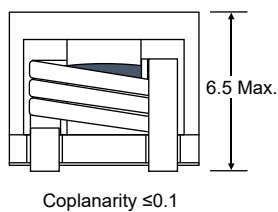
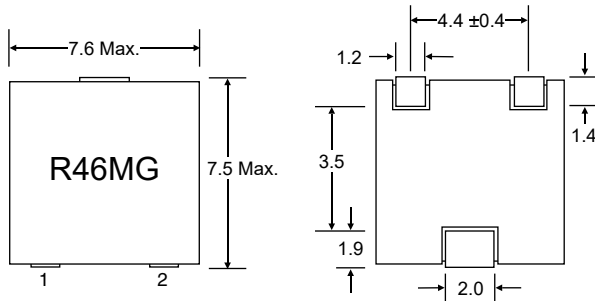
Part Number	Inductance <sup>1</sup> ( $\mu\text{H} \pm 20\%$ )	Inductance @ Saturation Current ( $\mu\text{H} \text{ Min.}$ )	Saturation <sup>2</sup> Current (Adc)	Rated Current (Adc)	DCR ( $\text{m}\Omega \pm 8\%$ )
TLINT0864C-R46MG	0.46	0.29	28	24	1.5

Note:

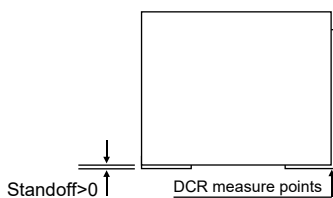
(1) Test frequency: 100KHz, 1V

(2)  $\Delta T = 40^\circ\text{C}$  Typ.

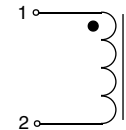
## Dimensions



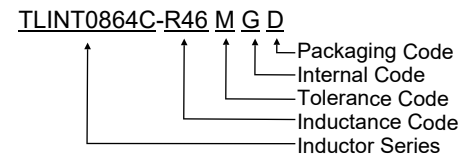
All Dimensions are in mm.



## Schematic



## Part Numbering



- Resistance to Solder Heat: 260°C Peak (Reflow)
- Ordering Information:  
TLINT0864C-R46MGD - Tape & Reel: 800pcs/reel  
( $\phi 330\text{mm} \pm 1.5\text{mm}$ )  
TLINT0864C-R46MGB - Bulk