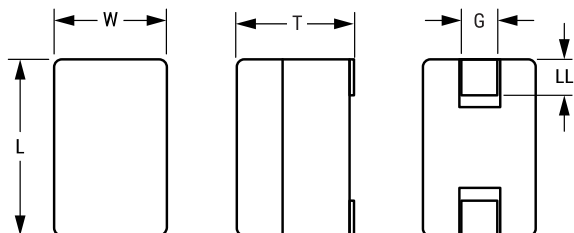


**KEMET Part Number: TPI118082L150N**  
(UPIY118082L15N)

KEMET, TPI, Power, 150 nH, 10%



Dimensions	
Chip Size	4431
L	11.2mm MAX
W	8mm MAX
T	8.2mm MAX
LL	2.2mm NOM
G	2.5mm +/-0.1mm

Packaging Specifications	
Packaging:	T&R, 330mm
Packaging Quantity:	400

General Information	
Series:	TPI
Style:	SMD
Description:	Surface Mount Inductor
Features:	Power Inductors
RoHS:	Yes
Core:	Ferrite
Miscellaneous:	40 (K) Temperature Rise Max.

Specifications	
Inductance:	150 nH (0.1 MHz)
Inductance Tolerance:	10%
Temperature Range:	-40/+125°C
Shielded:	Yes
Current:	93 A (Isat, 20% Drop In Inductance), 50 A (Irms, 40C Rise By Self Heating)
DC Resistance:	0.29 mOhms