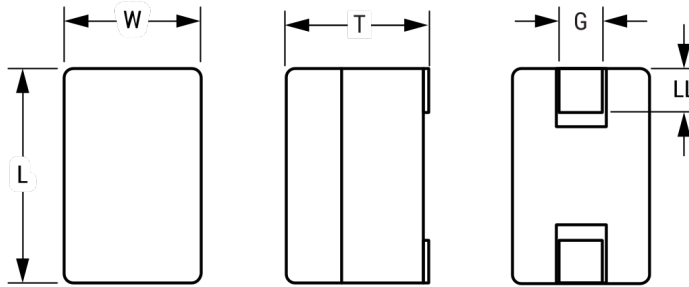


TPI118082L180N

Aliases (UPIY118082L18N)

KEMET, TPI, Ferrite, 10%, 180 nH, 118082(4431)



Click [here](#) for the 3D model.

Dimensions

Chip Size	118082(4431)
L	11.2mm MAX
W	8mm MAX
T	8.2mm MAX
G	2.5mm +/-0.1mm

Packaging Specifications

Typical Component Weight	3 g
Packaging	T&R, 330mm
Packaging Quantity	400

General Information

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

Specifications

Inductance	180 nH
Inductance Tolerance	10%
Temperature Range	-40/+125°C
Shielded	true
Current	79 A (Isat, 20% Drop In Inductance), 50 A (Irms, 40C Rise By Self Heating)
DC Resistance	0.29 mOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.