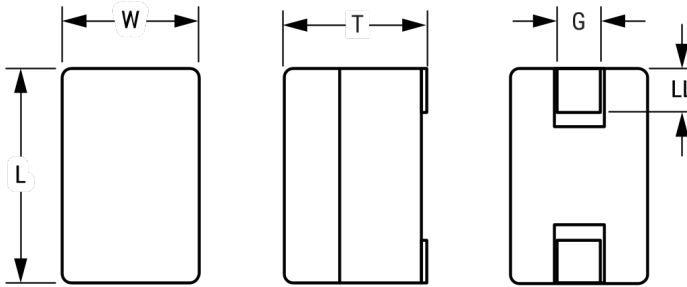


TPI118082L180N

Aliases (UPIY118082L18N)

KEMET, TPI, Power, 0.18 uH, 10%, 118082(4431)



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

Dimensions

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
Chip Size	118082(4431)
Description	Surface Mount Inductor
Features	DC Optimized TPI Inductors
RoHS	Yes
Core	Ferrite
Miscellaneous	40 (K) Temperature Rise Max.

Specifications

Inductance	0.18 uH
Inductance Tolerance	10%
Temperature Range	-40/+125°C
Shielded	Yes
Current	79 A (Isat, 20% Drop In Inductance), 50 A (Irms, 40C Rise By Self Heating)
DC Resistance	0.29 mOhms