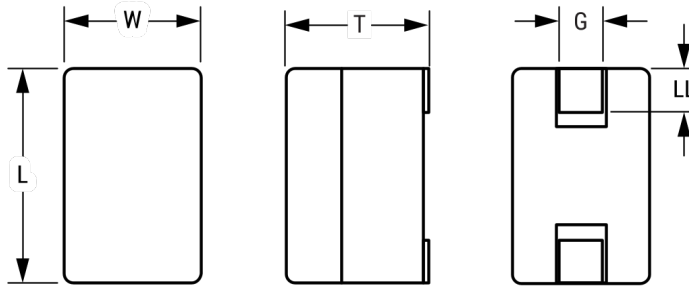


TPI118082L150N

Aliases (UPIY118082L15N)

KEMET, TPI, Power, 0.15 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 | 0.15 uH |
| 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 |