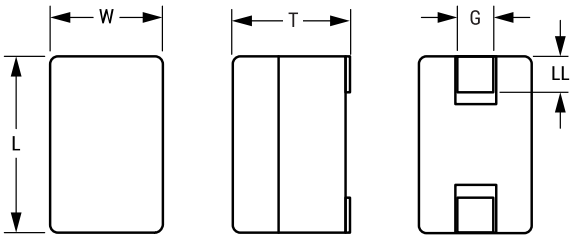
# KEMET Part Number: TPI118082L180N

(UPIY118082L18N)

KEMET, TPI, Power, 0.18 uH, 10%




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

| Dimensions | |
|---|---|
| **L** | 11.2mm MAX |
| **W** | 8mm MAX |
| **T** | 8.2mm MAX |
| **LL** | 2.2mm NOM |
| **G** | 2.5mm +/-0.1mm |

| Specifications | |
|---|---|
| **Inductance:** | 180 nH (0.1 MHz) |
| **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 |

| Packaging Specifications | |
|---|---|
| **Packaging:** | T&R, 330mm |
| **Packaging Quantity:** | 400 |

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