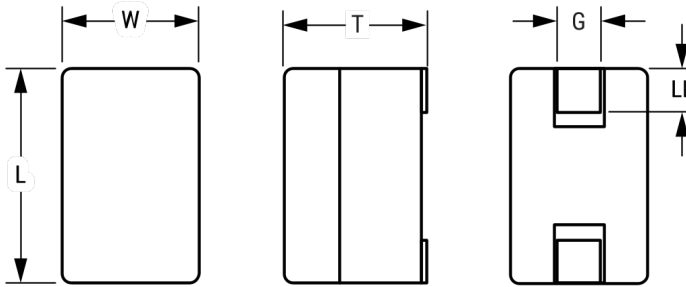


## TPI078060L082N

Aliases (UPIY78060L082N)

KEMET, TPI, Power, 0.082 uH, 10%, 078060(4431)



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

### Dimensions

L	7mm MAX
W	8mm MAX
T	6mm MAX
LL	1.5mm NOM
G	4mm +/-0.25mm

### Packaging Specifications

Packaging	T&R, 330mm
Packaging Quantity	1000

### General Information

Series	TPI
Style	SMD
Chip Size	078060(4431)
Description	Surface Mount Inductor
Features	AC Optimized TPI Inductors
RoHS	Yes
Core	Ferrite
Miscellaneous	40 (K) Temperature Rise Max.

### Specifications

Inductance	0.082 uH
Inductance Tolerance	10%
Temperature Range	-40/+125°C
Shielded	Yes
Current	54 A (Isat, 20% Drop In Inductance), 53 A (Irms, 40C Rise By Self Heating)
DC Resistance	0.31 mOhms