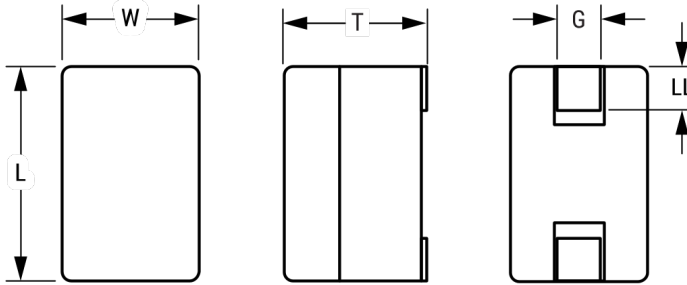


## TPI078060L056N

Aliases (UPIY78060L056N)

KEMET, TPI, Power, 0.056 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

|                          |            |
|--------------------------|------------|
| Typical Component Weight | 1.2 g      |
| 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           | 0.056 uH   |
| Inductance Tolerance | 10%  |
| Temperature Range    | -40/+125°C   |
| Shielded             | Yes  |
| Current              | 81 A (Isat, 20% Drop In Inductance), 53 A (Irms, 40C Rise By Self Heating) |
| DC Resistance        | 0.31 mOhms   |