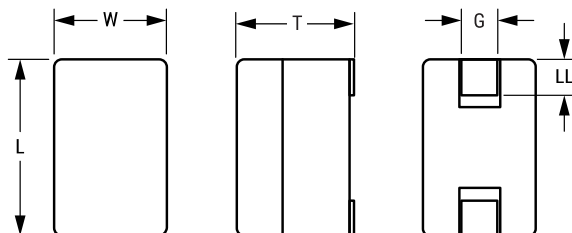


KEMET, TPI, Power, 105 nH, 20%



| Dimensions |                |
|------------|----------------|
| Chip Size  | 4427           |
| L          | 7mm MAX        |
| W          | 7mm MAX        |
| T          | 5mm MAX        |
| LL         | 1.5mm NOM      |
| G          | 2.5mm +/-0.1mm |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 330mm |
| Packaging Quantity:      | 1000       |

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

| Specifications        |  |
|-----------------------|--|
| Inductance:           | 105 nH (0.1 MHz)   |
| Inductance Tolerance: | 20%  |
| Temperature Range:    | -40/+125C  |
| Shielded:             | Yes  |
| Current:              | 60 A (Isat, 20% Drop In Inductance), 36 A (Irms, 40C Rise By Self Heating) |
| DC Resistance:        | 0.32 mOhms   |