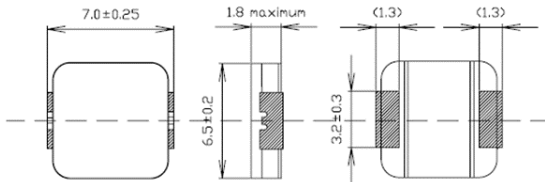


KEMET, MPX, Power, 680 nH, 20%



Dimensions

| Dimensions | |
|------------|----------------|
| Chip Size | 2826 |
| L | 7mm +/-0.25mm |
| W | 6.5mm +/-0.2mm |
| T | 1.8mm MAX |
| LL | 1.3mm NOM |
| G | 3.2mm +/-0.3mm |

Packaging Specifications

| | |
|---------------------|------------|
| Packaging: | T&R, 330mm |
| Packaging Quantity: | 2500 |

General Information

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

Specifications

| | |
|-----------------------|---|
| Inductance: | 0.68 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -55/+155°C |
| Shielded: | Yes |
| Current: | 8.8 A (Isat, 30% Drop In Inductance), 13 A (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 12.7 mOhms |