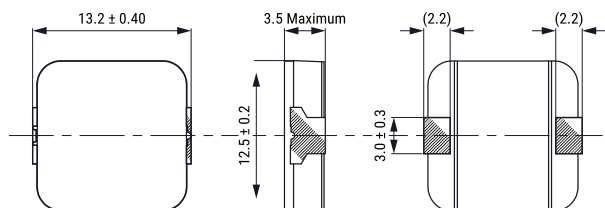


KEMET, MPX, Power, 2200 nH, 20%



Dimensions

| | |
|-----------|-----------------|
| L | 13.2mm +/-0.4mm |
| W | 12.5mm +/-0.2mm |
| T | 3.5mm MAX |
| LL | 2.2mm NOM |
| G | 3mm +/-0.3mm |

Packaging Specifications

| | |
|----------------------------|------------|
| Packaging: | T&R, 330mm |
| Packaging Quantity: | 500 |

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: | 2.2 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -55/+155°C |
| Shielded: | Yes |
| Current: | 15.2 A (Irms, 40C Rise By Self Heating), 15.5 A (Isat, 20% Drop In Inductance), 23 A (Isat, 30% Drop In Inductance) |
| DC Resistance: | 8.4 mOhms |
| Self-Resonant Frequency: | 21 MHz |