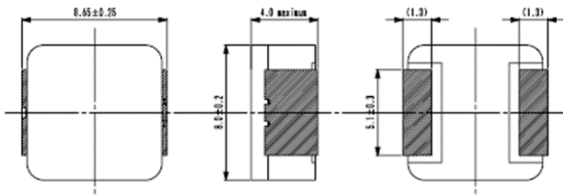


KEMET, MPX, Power, 22 uH, 20%



**Dimensions**

|           |                  |
|-----------|------------------|
| Chip Size | 3431             |
| L         | 8.65mm +/-0.25mm |
| W         | 8mm +/-0.2mm     |
| T         | 4mm MAX          |
| LL        | 1.3mm NOM        |
| G         | 5.1mm +/-0.3mm   |

**Packaging Specifications**

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

**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:           | 22 uH (0.1 MHz)                                                              |
| Inductance Tolerance: | 20%                                                                          |
| Temperature Range:    | -55/+155°C                                                                   |
| Shielded:             | Yes                                                                          |
| Current:              | 4.2 A (Isat, 30% Drop In Inductance), 5.5 A (Irms, 40C Rise By Self Heating) |
| DC Resistance:        | 98.3 mOhms                                                                   |