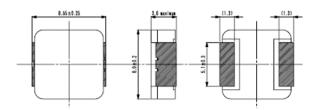
KEMET Part Number: MPX1D0830L100



KEMET, MPX, Power, 10 uH, 20%



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

| Dimensions | |
|------------|------------------|
| Chip Size | 3431 |
| L | 8.65mm +/-0.25mm |
| W | 8mm +/-0.2mm |
| T | 3mm MAX |
| LL | 1.3mm NOM |
| G | 5.1mm +/-0.3mm |

| Specifications | |
|-----------------------|--|
| Inductance: | 10 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -55/+155°C |
| Shielded: | Yes |
| Current: | 5.4 A (Isat, 30% Drop In Inductance), 8 A (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 61.7 mOhms |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | T&R, 330mm |
| Packaging Quantity: | 1500 |

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