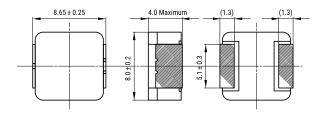
KEMET Part Number: MPXV1D0840LR68



KEMET, MPXV, Power, 680 nH, 20%



| General Information | |
|---------------------|------------------------------|
| Series: | MPXV |
| Style: | SMD |
| Description: | Surface Mount Inductor |
| Features: | Power Inductors |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Core: | Composite |
| Miscellaneous: | 40 (K) Temperature Rise Max. |

| Dimensions | |
|------------|------------------|
| L | 8.65mm +/-0.25mm |
| W | 8mm +/-0.2mm |
| Т | 4mm MAX |
| LL | 1.3mm NOM |
| G | 5.1mm +/-0.3mm |

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

| Specifications | |
|--------------------------|--|
| Inductance: | 0.68 uH (100 KHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -55/+155°C |
| Shielded: | Yes |
| Current: | 22.4 A (Irms, 40C Rise By Self Heating), 20.5 A (Isat, 20% Drop In Inductance), 30 A (Isat, 30% Drop In Inductance) |
| DC Resistance: | 3.6 mOhms |
| Self-Resonant Frequency: | 46 MHz |

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