



Click [here](#) for the 3D model.

General Information

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|----------------|------------------------------|
| Series | MPCV |
| Style | SMD Molded |
| Core | Metal Composite |
| Description | Surface Mount Inductor |
| Features | Power Inductors |
| RoHS | Yes |
| Qualifications | AEC-Q200 |
| Miscellaneous | 40 (K) Temperature Rise Max. |

Dimensions

| | |
|---|---------------|
| L | 12mm MAX |
| W | 10mm +/-0.3mm |
| T | 6mm MAX |
| G | 3mm +/-0.5mm |

Packaging Specifications

| | |
|--------------------------|------------|
| Typical Component Weight | 3.5 g |
| Packaging | T&R, 380mm |
| Packaging Quantity | 500 |

Specifications

| | |
|----------------------|---------------------------------------|
| Inductance | 0.68 uH (0.1MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 32 A (Irms, 40C Rise By Self Heating) |
| Saturation Current | 38 A (Isat, 30% Drop In Inductance) |
| Temperature Range | -55/+155°C |
| Shielded | Yes |
| DC Resistance | 1.4 mOhms |
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