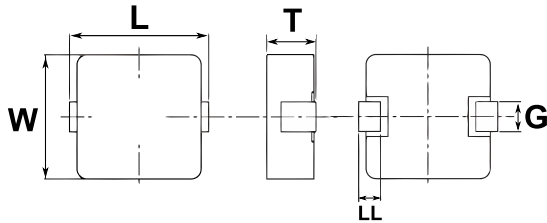


**KEMET Part Number: MPC0750LR68C** Not for New Design  
(UPIA0750LR68C0)



KEMET, MPC, Power, 0.68 uH, 20%, 3126



| General Information |   |
|---------------------|---|
| Series:             | MPC                                       |
| Style:              | SMD                                       |
| Chip Size:          | 3126                                      |
| Description:        | Shielded, Surface Mount Inductor          |
| Features:           | High Speed, Large Current DC/DC Converter |
| RoHS:               | Yes                                       |
| Core:               | Composite                                 |

| Dimensions |                |
|------------|----------------|
| L          | 8mm MAX        |
| W          | 6.7mm +/-0.3mm |
| T          | 5mm MAX        |
| LL         | 1.5mm NOM      |
| G          | 2mm +/-0.3mm   |

| Specifications        |  |
|-----------------------|--|
| Inductance:           | 0.68 uH (0.1 MHz)  |
| Inductance Tolerance: | 20%  |
| Temperature Range:    | -40/+125°C   |
| Rated Temperature:    | 120°C  |
| Shielded:             | Yes  |
| Current:              | 16 Amps (Isat, 20% Drop In Inductance), 18 Amps (Irms, 40C Rise By Self Heating) |
| DC Resistance:        | 2.2 mOhms  |

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

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