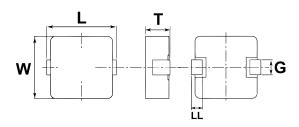
KEMET Part Number: MPLCH0740L1R5 Not for New Design

(UPIF0740L1R500)



KEMET, MPLCH, Power, 1500 nH, 20%



| General Information | |
|---------------------|-------------------------------------|
| Series: | MPLCH |
| Style: | SMD |
| Description: | Shielded, Surface Mount Inductor |
| Features: | Large Current Inductors |
| RoHS: | Yes |
| Core: | Composite |
| Miscellaneous: | 40 (K) Temperature Rise Max. |

| Dimensions | | |
|------------|----------------|--|
| Chip Size | 3126 | |
| L | 7.8mm MAX | |
| W | 6.7mm +/-0.2mm | |
| Т | 4mm MAX | |
| LL | 1.4mm NOM | |
| G | 3.2mm +/-0.1mm | |

| Specifications | |
|-----------------------|--|
| Inductance: | 1.5 uH (0.1 MHz) |
| Inductance Tolerance: | 20% |
| Temperature Range: | -40/+125C |
| Shielded: | Yes |
| Current: | 10.8 A (Isat, 30% Drop In Inductance), 11.1 A (Irms, 40C Rise By Self Heating) |
| DC Resistance: | 9 mOhms |

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

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