

L0603C1R5KSMST

Aliases (L0603C1R5KSMST)

Obsolete

KEMET, L-SMS, Ceramic, 10%, 1,500 nH, 0603



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

General Information

| | |
|--------------|---|
| Series | L-SMS |
| Style | SMD Multi-Layer |
| Core | Ceramic |
| Description | Shielded, Surface Mount Inductor |
| Features | Standard Type |
| RoHS | Yes |
| Winding Type | Multilayer |
| Notes | Suggested Replacement - https://www.chilisin.com/en-global/Inductor/Product/BSCL_160808/BSCL001608081R5K00 . |

Dimensions

| | |
|-----------|-----------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.15mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.15mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 4000 |

Specifications

| | |
|-------------------------|-----------------|
| Inductance | 1.5 uH (10 MHz) |
| Inductance Tolerance | 10% |
| Rated Current | 25 mAmps (MAX) |
| Temperature Range | -40/+85°C |
| DC Resistance | 800 mOhms |
| DC Resistance | 0.8 Ohms |
| Quality Factor | 35 at 10 MHz |
| Self-Resonant Frequency | 55 MHz |

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