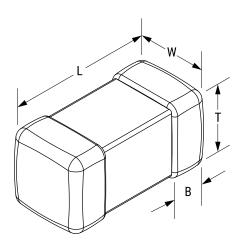


L0603CR27MSMST

Aliases (L0603CR27MSMST)

Obsolete

KEMET, L-SMS, Ceramic, 20%, 270 nH, 0603



| Click nei | re tor tn | ie 3D mod | aeı. |
|-----------|-----------|-----------|------|
| | | | |

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

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

| 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/BSCL00160808R27M 00. |

| Specifications | |
|-------------------------|------------------|
| Inductance | 0.27 uH (25 MHz) |
| Inductance Tolerance | 20% |
| Rated Current | 50 mAmps (MAX) |
| Temperature Range | -40/+85°C |
| DC Resistance | 800 mOhms |
| DC Resistance | 0.8 Ohms |
| Quality Factor | 15 at 25 MHz |
| Self-Resonant Frequency | 136 MHz |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 05/21/2025 © 2006 - 2025 YAGEO