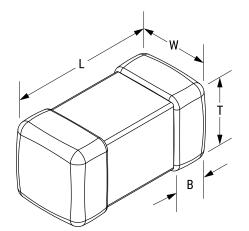


L0603C6R8MSMST

Aliases (L0603C6R8MSMST) Obsolete KEMET, L-SMS, Ceramic, 20%, 6,800 nH, 0603



General Information Series L-SMS SMD Multi-Layer Style Core Ceramic Description Shielded, Surface Mount Inductor Features Standard Type RoHS Yes Winding Type Multilayer Notes Suggested Replacement https://www.chilisin.com/englobal/Inductor/Product/BSCL_ 160808/BSCL001608086R8M 00.

 Dimensions

 Chip Size
 0603

 L
 1.6mm +/-0.15mm

 W
 0.8mm +/-0.15mm

 T
 0.8mm +/-0.15mm

Click here for the 3D model.

Specifications	
Inductance	6.8 uH (4 MHz)
Inductance Tolerance	20%
Rated Current	5 mAmps (MAX)
Temperature Range	-40/+85°C
DC Resistance	1.7 Ohms
DC Resistance	1.7 Ohms
Quality Factor	35 at 4 MHz
Self-Resonant Frequency	20 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.