



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 - <a href="https://productfinder.pulseelectronics.com/part/BSCL002012091R0K00">https://productfinder.pulseelectronics.com/part/BSCL002012091R0K00</a> .

**Dimensions**

Chip Size	0805
L	2mm +0.3/-0.1mm
W	1.25mm +/-0.2mm
T	0.85mm +/-0.2mm

**Packaging Specifications**

Packaging	T&R
Packaging Quantity	4000

**Specifications**

Inductance	1 uH (10 MHz)
Inductance Tolerance	10%
Inductance	1000 nH
Temperature Range	-40/+85°C
Current	50 mAmps (MAX)
DC Resistance	400 mOhms
DC Resistance	0.4 Ohms
Quality Factor	45 at 10 MHz
Self-Resonant Frequency	75 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.