



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://www.chilisin.com/en-global/Inductor/Product/BSCL_160808/BSCL001608086R8M00">https://www.chilisin.com/en-global/Inductor/Product/BSCL_160808/BSCL001608086R8M00</a> .

#### 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	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

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