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General Information

Series	L-SMS
Style	SMD Chip
Description	Shielded, Surface Mount Inductor
Features	Standard Type
RoHS	Yes
Core	Ceramic
Winding Type	Multilayer
Notes	Suggested Replacement - https://productfinder.pulseelectronics.com/part/BSCL001608086R8K00 .

Dimensions

Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
LL	0.3mm +/-0.2mm
B	0.3mm +/-0.2mm

Specifications

Inductance	6.8 uH
Inductance Tolerance	10%
Temperature Range	-40/+85°C
Current	5 mAmps (MAX)
DC Resistance	1.7 Ohms
Quality Factor	35 at 4 MHz
Self-Resonant Frequency	20 MHz

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

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