

LO603C6R8KSMST

Aliases (LO603C6R8KSMST)

Obsolete

KEMET, L-SMS, Ceramic, 10%, 6,800 nH, 0603



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
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

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

Specifications

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

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