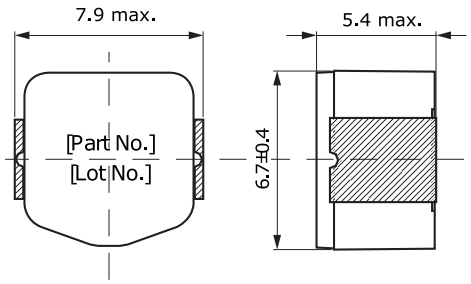
KEMET Part Number: MPLCV0654L4R7

KEMET, MPLCV, Power, 4700 nH, 20%



General Information	
Series:	MPLCV
Style:	SMD
Description:	Surface Mount Inductor
Features:	Power Inductors, Automotive
RoHS:	Yes
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Core:	Composite
Miscellaneous:	40 (K) Temperature Rise Max.

Dimensions	
Chip Size	3126
L	7.9mm MAX
W	6.7mm +/-0.4mm
T	5.4mm MAX

Specifications	
Inductance:	4.7 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155C
Shielded:	Yes
Current:	10.5 A (Isat, 30% Drop In Inductance), 6.3 A (Irms, 40C Rise By Self Heating)
DC Resistance:	20 mOhms

Packaging Specifications	
Packaging:	T&R, 380mm
Packaging Quantity:	1000

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