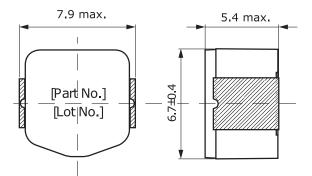


MPLCV0654L4R7 Aliases (UPIT0654L4R700) KEMET, MPLCV, Metal Composite, 20%, 4,700 nH, 0654(3126)



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

Click here for the 3D model.

Dimensions	
Chip Size	0654(3126)
L	7.9mm MAX
W	6.7mm +/-0.4mm
т	5.4mm MAX
Packaging Specifications	
Typical Component Weight	1.2 g
Packaging	T&R, 380mm
Packaging Quantity	1000

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

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