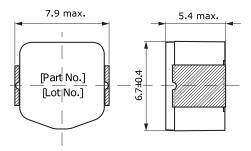
KEMET Part Number: MPLCV0654L4R7



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.	

Specifications

General Information

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

3126	Inductance:	4.7 uH (0.1 MHz)
7.9mm MAX	Inductance Tolerance:	20%
6.7mm +/-0.4mm	Temperature Range:	-55/+155C
5.4mm MAX	Shielded:	Yes
	Current:	10.5 A (Isat, 30% Drop In Inductance), 6.3 A (Irms, 40C Rise By Self Heating)
g Specifications	DC Resistance:	20 mOhms

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

