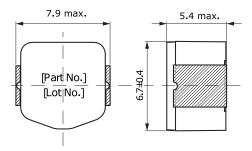
KEMET Part Number: MPLCV0654L4R7



KEMET, MPLCV, Power, 4700 nH, 20%



MPLCV
SMD
Surface Mount Inductor
Power Inductors, Automotive
Yes
AEC-Q200
Yes
Composite
40 (K) Temperature Rise Max.

General Information

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

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

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

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.

