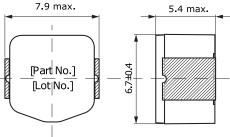
KEMET Part Number: MPLCV0654L4R7

(UPIT0654L4R700)



KEMET, MPLCV, Power, 4700 nH, 20%



4 max.	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		
L	7.9mm MAX	
W	6.7mm +/-0.4mm	
Т	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/+155°C	
Shielded:	Yes	
Current:	10.5 A (Isat, 30% Drop In Inductance), 6.3 A (Irms, 40C Rise By Self Heating)	
DC Resistance:	20 mOhms	

General Information

Series: MPLCV

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.

