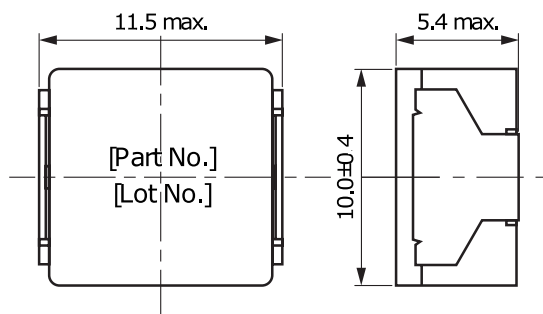


KEMET Part Number: MPLCV1054L220
(UPIT1054L22000)

KEMET, MPLCV, Power, 22 uH, 20%, 1054(4340)



General Information	
Series:	MPLCV
Style:	SMD
Chip Size:	1054(4340)
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	11.5mm MAX
W	10mm +/-0.4mm
T	5.4mm MAX

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

Specifications	
Inductance:	22 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	7 A (Isat, 30% Drop In Inductance), 5.5 A (Irms, 40C Rise By Self Heating)
DC Resistance:	47 mOhms