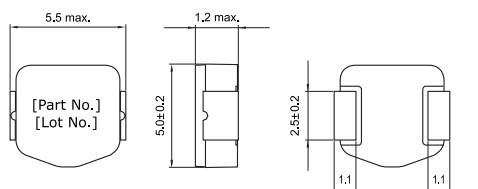


KEMET Part Number: MPLCH0512LR22 **Not for New Design**
(UPIF0512LR2200)

KEMET, MPLCH, Power, 220 nH, 20%



General Information	
Series:	MPLCH
Style:	SMD
Description:	Surface Mount Inductor
Features:	Low Profile Power Inductors
RoHS:	Yes
Core:	Composite
Miscellaneous:	40 (K) Temperature Rise Max.

Dimensions	
Chip Size	2220
L	5.5mm MAX
W	5mm +/-0.2mm
T	1.2mm MAX
S1	1.1mm NOM
LL	1.1mm NOM
G	2.5mm +/-0.2mm

Specifications	
Inductance:	0.22 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-40/+125C
Rated Temperature:	120°C
Shielded:	Yes
Current:	10.6 A (Isat, 30% Drop In Inductance), 9.4 A (Irms, 40C Rise By Self Heating)
DC Resistance:	10.2 mOhms

Packaging Specifications	
Packaging:	T&R, 380mm
Packaging Quantity:	5000

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.

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