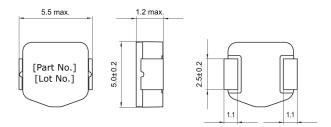


MPLCH0512L1R0

Aliases (UPIF0512L1R000)

Not for New Design

KEMET, MPLCH, Power, 1uH, 20%, 2220



Click here for the 3D model.

Dimensions	
L	5.5mm MAX
W	5mm +/-0.2mm
Т	1.2mm MAX
S1	1.1mm NOM
LL	1.1mm NOM
G	2.5mm +/-0.2mm

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

General Information		
MPLCH		
SMD		
2220		
Surface Mount Inductor		
Low Profile Power Inductors		
Yes		
Composite		
40 (K) Temperature Rise Max.		

Specifications	
Inductance	1uH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	Yes
Current	6.1 A (Isat, 30% Drop In Inductance), 4.4 A (Irms, 40C Rise By Self Heating)
DC Resistance	47 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.