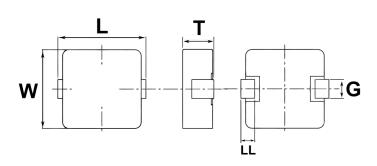


## MPCG0740LR42

Aliases (UPIB0740LR4200)

Not for New Design

KEMET, MPCG, Metal Composite, 20%, 420 nH, 3126



Click here for the 3D model.

Dimensions	
Chip Size	3126
L	8mm MAX
W	6.7mm +/-0.3mm
Т	4mm MAX
G	2mm +/-0.3mm

Packaging Specifications	
Packaging	T&R, 330mm
Packaging Quantity	1000

General Information		
Series	MPCG	
Style	SMD Molded	
Core	Metal Composite	
Description	Shielded, Surface Mount Inductor	
Features	High Speed, Large Current DC/DC Converter	
RoHS	Yes	

Specifications	
Inductance	420 nH
Inductance Tolerance	20%
Temperature Range	-40/+125°C
Rated Temperature	120°C
Shielded	true
Current	20 Amps (Isat, 20% Drop In Inductance), 22 Amps (Irms, 40C Rise By Self Heating)
DC Resistance	1.55 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.