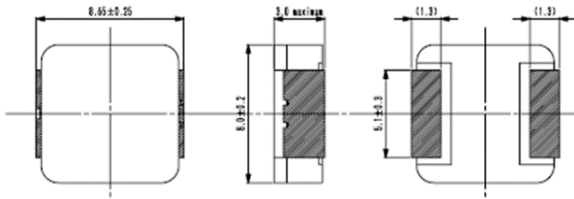


KEMET, MPX, Power, 6800 nH, 20%



Dimensions

Dimensions	
Chip Size	3431
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
T	3mm MAX
LL	1.3mm NOM
G	5.1mm +/-0.3mm

Packaging Specifications

Packaging:	T&R, 330mm
Packaging Quantity:	1500

General Information

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

Specifications

Inductance:	6.8 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	6.8 A (Isat, 30% Drop In Inductance), 10 A (Irms, 40C Rise By Self Heating)
DC Resistance:	37.9 mOhms