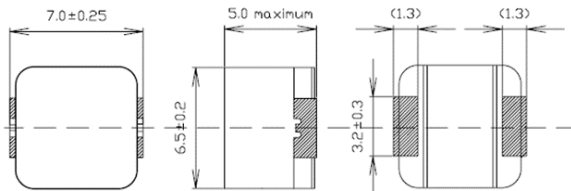


KEMET, MPX, Power, 6800 nH, 20%



Dimensions

Dimensions	
Chip Size	2826
L	7mm +/-0.25mm
W	6.5mm +/-0.2mm
T	5mm MAX
LL	1.3mm NOM
G	3.2mm +/-0.3mm

Packaging Specifications

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

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:	5.7 A (Isat, 30% Drop In Inductance), 5.5 A (Irms, 40C Rise By Self Heating)
DC Resistance:	44.2 mOhms