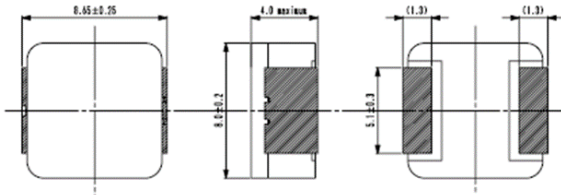


KEMET, MPX, Power, 47 uH, 20%



Dimensions	
Chip Size	3431
L	8.65mm +/-0.25mm
W	8mm +/-0.2mm
T	4mm MAX
LL	1.3mm NOM
G	5.1mm +/-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:	47 uH (0.1 MHz)
Inductance Tolerance:	20%
Temperature Range:	-55/+155°C
Shielded:	Yes
Current:	2.8 A (Isat, 30% Drop In Inductance), 3.5 A (Irms, 40C Rise By Self Heating)
DC Resistance:	226.7 mOhms