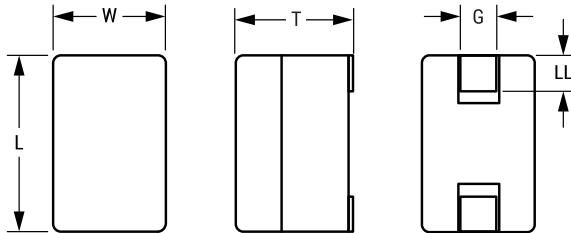


**KEMET Part Number: TPI078060L082N**  
(UPIY78060L082N)

**KEMET**  
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KEMET, TPI, Power, 0.082 uH, 10%, 078060(4431)



Dimensions	
L	7mm MAX
W	8mm MAX
T	6mm MAX
LL	1.5mm NOM
G	4mm +/-0.25mm

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

General Information	
Series:	TPI
Style:	SMD
Chip Size:	078060(4431)
Description:	Surface Mount Inductor
Features:	Power Inductors
RoHS:	Yes
Core:	Ferrite
Miscellaneous:	40 (K) Temperature Rise Max.

Specifications	
Inductance:	82 nH (0.1 MHz)
Inductance Tolerance:	10%
Temperature Range:	-40/+125°C
Shielded:	Yes
Current:	54 A (Isat, 20% Drop In Inductance), 53 A (Irms, 40C Rise By Self Heating)
DC Resistance:	0.31 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.

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