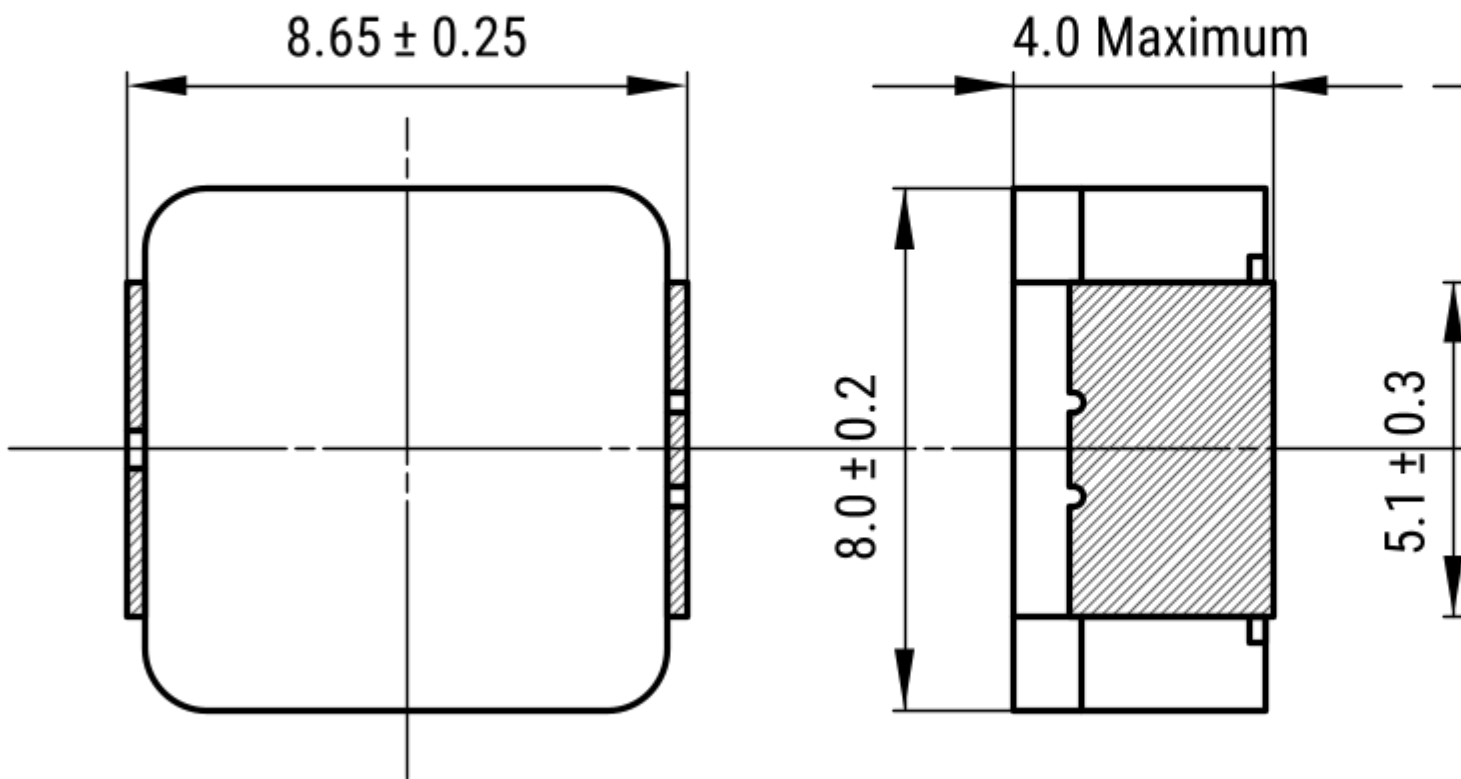


MPXV1D0840L2R2

Aliases (UPI2X10840V2R2)

KEMET, MPXV, Power, 2.2 uH, 20%, 0840(3431)



Click [here](#) for the 3D model.

Dimensions

L 8.65mm +/-0.25mm

W 8mm +/-0.2mm

T 4mm MAX

Dimensions

LL 1.3mm NOM
G 5.1mm +/-0.3mm

Packaging Specifications

Packaging T&R, 330mm
Packaging Quantity 1000

General Information

Series MPXV
Style SMD
Chip Size 0840(3431)
Description Surface Mount Inductor
Features Power Inductors
RoHS Yes
Qualifications AEC-Q200
AEC-Q200 Yes
Core Composite
Miscellaneous 40 (K) Temperature Rise Max.

Specifications

Inductance 2.2 uH
Inductance Tolerance 20%
Temperature Range -55/+155°C
Shielded Yes
Current 14.3 A (Irms, 40C Rise By Self Heating), 13 A (Isat, 20% Drop In Inductance), 17 A (Isat, 30% Drop In Inductance)
DC Resistance 8.7 mOhms
Self-Resonant Frequency 27 MHz

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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