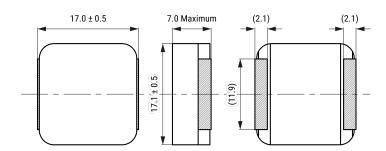


## MPXV1D1770L1R0

Aliases (UPI2X11770V1R0)

KEMET, MPXV, Power, 1 uH, 20%, 1770(6868)



| General Information |                              |
|---------------------|------------------------------|
| Series              | MPXV                         |
| Style               | SMD                          |
| Chip Size           | 1770(6868)                   |
| Description         | Surface Mount Inductor       |
| Features            | Power Inductors              |
| RoHS                | Yes                          |
| Qualifications      | AEC-Q200                     |
| AEC-Q200            | Yes                          |
| Core                | Composite                    |
| Miscellaneous       | 40 (K) Temperature Rise Max. |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 17mm +/-0.5mm   |
| W          | 17.1mm +/-0.5mm |
| Т          | 7mm MAX         |
| LL         | 2.1mm NOM       |
| G          | 11.9mm NOM      |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 330mm |
| Packaging Quantity       | 100        |

| Specifications             | ,   |
|----------------------------|---|
| Inductance                 | 1uH   |
| Inductance<br>Tolerance    | 20%   |
| Temperature<br>Range       | -55/+155°C  |
| Shielded                   | Yes   |
| Current                    | 38 A (Irms, 40C Rise By Self Heating), 42 A (Isat, 20% Drop In Inductance), 62 A (Isat, 30% Drop In Inductance) |
| DC Resistance              | 1.8 mOhms   |
| Self-Resonant<br>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.

## 单击下面可查看定价,库存,交付和生命周期等信息

## >>KEMET(基美)