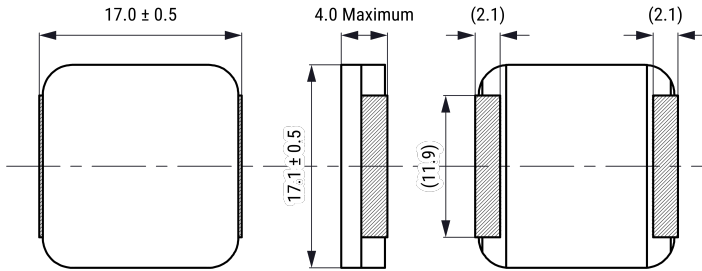


## MPX1D1740L150

Aliases (UPI2X11740L150)

KEMET, MPX, Metal Composite, 20%, 15 uH, 1740(6868)



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

### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 1740(6868)      |
| L         | 17mm +/-0.5mm   |
| W         | 17.1mm +/-0.5mm |
| T         | 4mm MAX         |
| G         | 11.9mm NOM      |

### Packaging Specifications

|                          |            |
|--------------------------|------------|
| Typical Component Weight | 6.3 g      |
| Packaging                | T&R, 330mm |
| Packaging Quantity       | 100        |

### General Information

|               |                              |
|---------------|------------------------------|
| Series        | MPX                          |
| Style         | SMD Molded                   |
| Core          | Metal Composite              |
| Description   | Surface Mount Inductor       |
| Features      | Power Inductors              |
| RoHS          | Yes                          |
| Miscellaneous | 40 (K) Temperature Rise Max. |

### Specifications

|                         |                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|
| Inductance              | 15 uH                                                                                                           |
| Inductance Tolerance    | 20%                                                                                                             |
| Temperature Range       | -55/+155°C                                                                                                      |
| Shielded                | Yes                                                                                                             |
| Current                 | 7.5 A (Irms, 40C Rise By Self Heating), 9 A (Isat, 20% Drop In Inductance), 13 A (Isat, 30% Drop In Inductance) |
| DC Resistance           | 35.2 mOhms                                                                                                      |
| Self-Resonant Frequency | 6 MHz                                                                                                           |

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