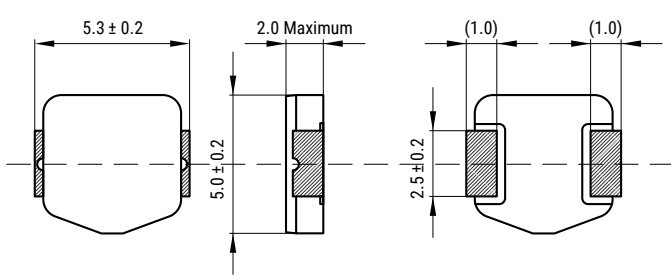
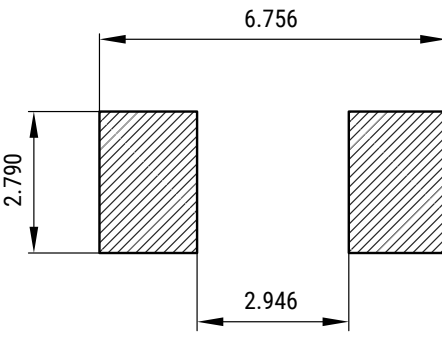
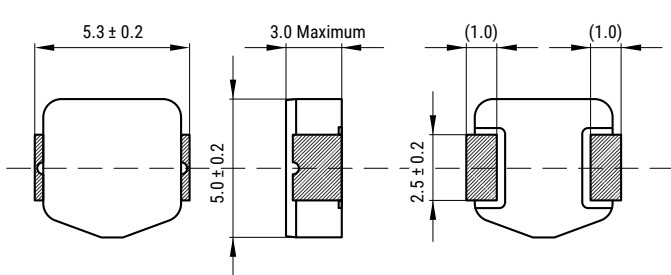
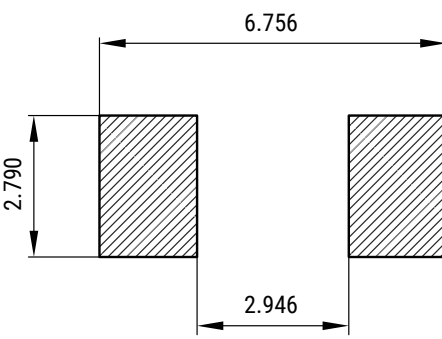
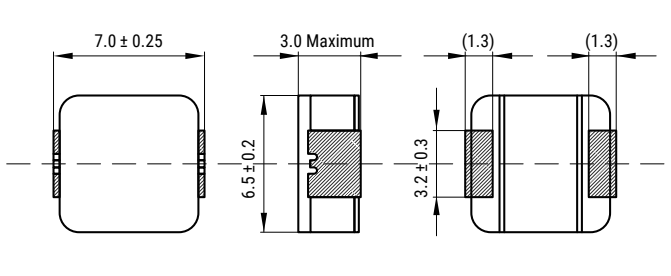
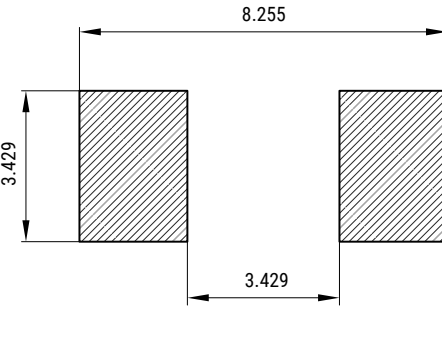
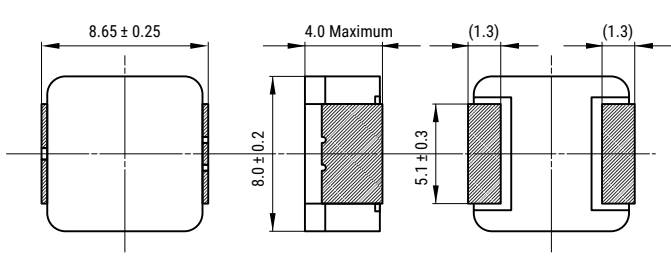
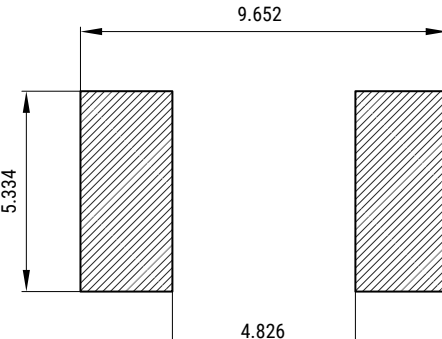


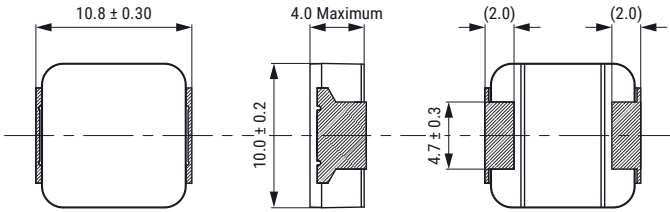
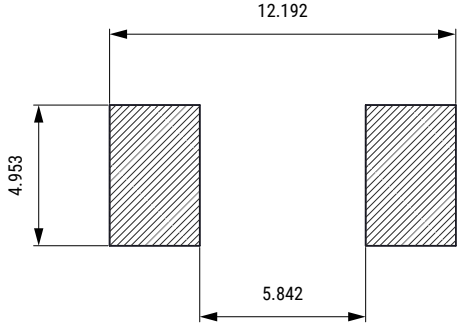
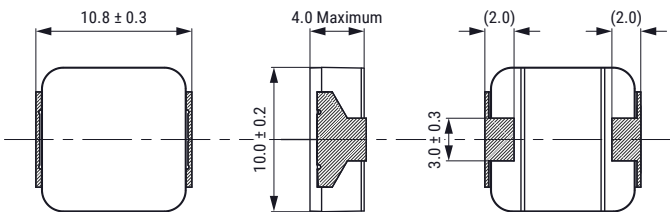
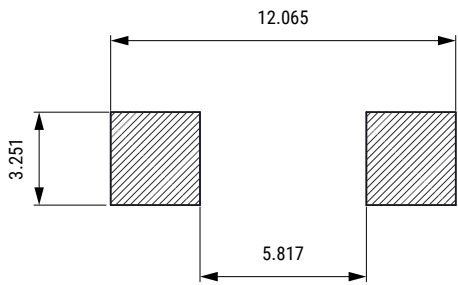
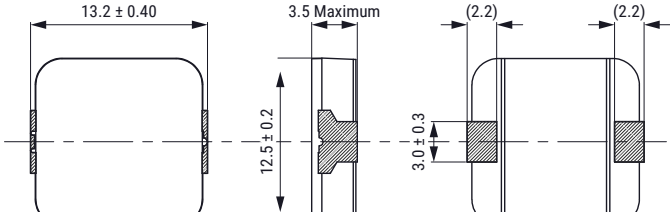
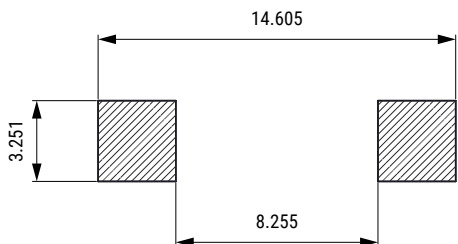
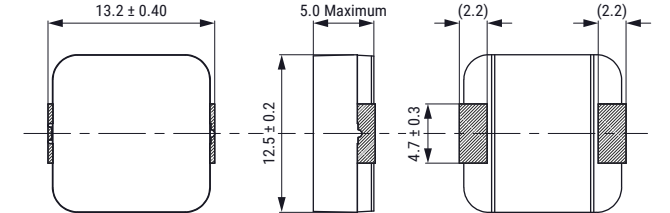
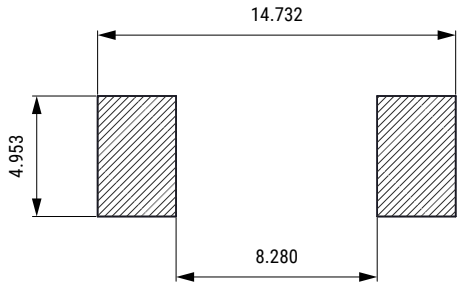
Sample Kit Contents

| KEMET Part Number | Inductance (μH) at 100 kHz, 1 mA | Inductance Tolerance | Rated Current (A) I_{rms} (Reference) | DC Resistance (m Ω) Typical | Thickness (mm) Maximum | Temperature | Quantity |
|-------------------|---|----------------------|--|-------------------------------------|------------------------|-------------|----------|
| MPXV1D0520L1R0 | 1.0 | 20% | 7.6 | 18.9 | 2.0 | -55/+155°C | 2 |
| MPXV1D0520L2R2 | 2.2 | 20% | 5.2 | 40.4 | 2.0 | -55/+155°C | 2 |
| MPXV1D0520L4R7 | 4.7 | 20% | 3.4 | 96.6 | 2.0 | -55/+155°C | 2 |
| MPXV1D0520L100 | 10.0 | 20% | 2.2 | 222.8 | 2.0 | -55/+155°C | 2 |
| MPXV1D0530L1R0 | 1.0 | 20% | 10.7 | 11.5 | 3.0 | -55/+155°C | 2 |
| MPXV1D0530L2R2 | 2.2 | 20% | 7.3 | 24.6 | 3.0 | -55/+155°C | 2 |
| MPXV1D0530L4R7 | 4.7 | 20% | 4.6 | 62.2 | 3.0 | -55/+155°C | 2 |
| MPXV1D0530L100 | 10.0 | 20% | 3.1 | 140.1 | 3.0 | -55/+155°C | 2 |
| MPXV1D0530L220 | 22.0 | 20% | 2.0 | 341.2 | 3.0 | -55/+155°C | 2 |
| MPXV1D0630L1R0 | 1.0 | 20% | 13.1 | 8.2 | 3.0 | -55/+155°C | 2 |
| MPXV1D0630L2R2 | 2.2 | 20% | 8.7 | 18.3 | 3.0 | -55/+155°C | 2 |
| MPXV1D0630L4R7 | 4.7 | 20% | 6.2 | 36.7 | 3.0 | -55/+155°C | 2 |
| MPXV1D0630L100 | 10.0 | 20% | 4.2 | 78.0 | 3.0 | -55/+155°C | 2 |
| MPXV1D0630L220 | 22.0 | 20% | 2.7 | 186.3 | 3.0 | -55/+155°C | 2 |
| MPXV1D0840L2R2 | 2.2 | 20% | 14.3 | 8.7 | 4.0 | -55/+155°C | 2 |
| MPXV1D0840L4R7 | 4.7 | 20% | 8.7 | 23.5 | 4.0 | -55/+155°C | 2 |
| MPXV1D0840L100 | 10.0 | 20% | 6.0 | 49.6 | 4.0 | -55/+155°C | 2 |
| MPXV1D0840L220 | 22.0 | 20% | 4.2 | 98.3 | 4.0 | -55/+155°C | 2 |
| MPXV1D1040L1R0 | 1.0 | 20% | 21.1 | 3.8 | 4.0 | -55/+155°C | 2 |
| MPXV1D1040L2R2 | 2.2 | 20% | 14.6 | 7.9 | 4.0 | -55/+155°C | 2 |
| MPXV1D1040L4R7 | 4.7 | 20% | 10.3 | 15.9 | 4.0 | -55/+155°C | 2 |
| MPXV1D1040L100 | 10.0 | 20% | 7.0 | 34.1 | 4.0 | -55/+155°C | 2 |
| MPXV1D1040L220 | 22.0 | 20% | 4.7 | 76.1 | 4.0 | -55/+155°C | 2 |
| MPXV1D1235L1R0 | 1.0 | 20% | 21.5 | 4.2 | 3.5 | -55/+155°C | 2 |
| MPXV1D1235L2R2 | 2.2 | 20% | 15.2 | 8.4 | 3.5 | -55/+155°C | 2 |
| MPXV1D1235L4R7 | 4.7 | 20% | 10.9 | 16.4 | 3.5 | -55/+155°C | 2 |
| MPXV1D1235L100 | 10.0 | 20% | 7.4 | 35.0 | 3.5 | -55/+155°C | 2 |
| MPXV1D1250L1R0 | 1.0 | 20% | 28.8 | 2.6 | 5.0 | -55/+155°C | 2 |
| MPXV1D1250L2R2 | 2.2 | 20% | 21.0 | 4.8 | 5.0 | -55/+155°C | 2 |
| MPXV1D1250L4R7 | 4.7 | 20% | 14.4 | 10.1 | 5.0 | -55/+155°C | 2 |
| MPXV1D1250L100 | 10.0 | 20% | 10.1 | 20.6 | 5.0 | -55/+155°C | 2 |
| MPXV1D1250L220 | 22.0 | 20% | 6.7 | 46.2 | 5.0 | -55/+155°C | 2 |
| MPXV1D1770L1R0 | 1.0 | 20% | 38.0 | 1.8 | 7.0 | -55/+155°C | 1 |
| MPXV1D1770L2R2 | 2.2 | 20% | 31.0 | 2.6 | 7.0 | -55/+155°C | 1 |
| MPXV1D1770L4R7 | 4.7 | 20% | 23.5 | 4.8 | 7.0 | -55/+155°C | 1 |
| MPXV1D1770L100 | 10.0 | 20% | 14.5 | 12.2 | 7.0 | -55/+155°C | 1 |
| MPXV1D1770L220 | 22.0 | 20% | 10.5 | 22.9 | 7.0 | -55/+155°C | 1 |
| MPXV1D2213L1R0 | 1.0 | 20% | 74.0 | 1.0 | 13.0 | -55/+155°C | 1 |
| MPXV1D2213L2R2 | 2.2 | 20% | 59.0 | 1.4 | 13.0 | -55/+155°C | 1 |
| MPXV1D2213L4R7 | 4.7 | 20% | 48.0 | 2.2 | 13.0 | -55/+155°C | 1 |
| MPXV1D2213L100 | 10.0 | 20% | 34.0 | 4.4 | 13.0 | -55/+155°C | 1 |
| MPXV1D2213L220 | 22.0 | 20% | 19.5 | 13.2 | 13.0 | -55/+155°C | 1 |
| KEMET Part Number | Inductance (μH) at 100 kHz, 1 mA | Inductance Tolerance | Rated Current (A) I_{rms} (Reference) | DC Resistance (m Ω) Typical | Thickness (mm) Maximum | Temperature | Quantity |

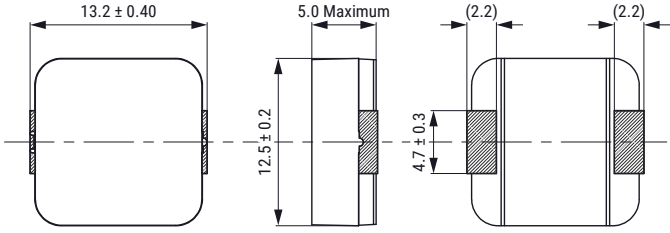
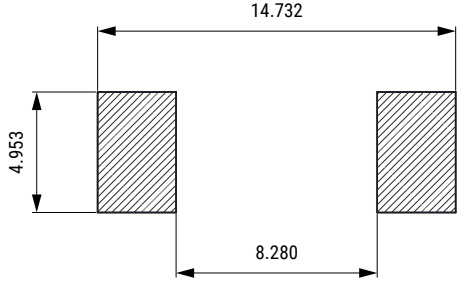
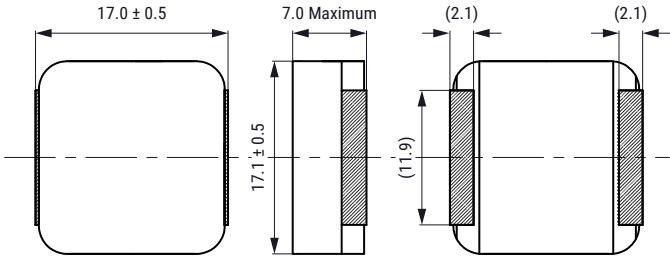
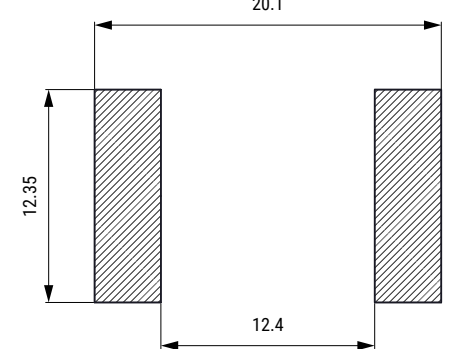
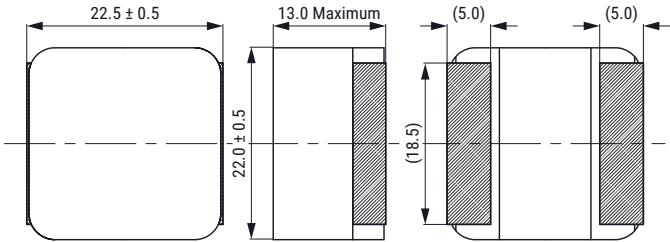
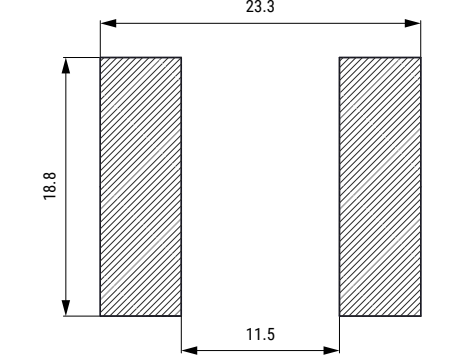
Dimensions

| Case Size | Dimensions (mm) | Land Pattern (mm) |
|------------|--|---|
| MPXV1D0520 |  |  |
| MPXV1D0530 |  |  |
| MPXV1D0630 |  |  |
| MPXV1D0840 |  |  |

Dimensions cont.

| Case Size | Dimensions (mm) | Land Pattern (mm) |
|--|--|---|
| <p>MPXV1D1040 For values up to 1.5 μH or below</p> |  |  |
| <p>MPXV1D1040 For values from 2.2 μH or above</p> |  |  |
| <p>MPXV1D1235</p> |  |  |
| <p>MPXV1D1250</p> |  |  |

Dimensions cont.

| Case Size | Dimensions (mm) | Land Pattern (mm) |
|------------|--|---|
| MPXV1D1250 |  |  |
| MPXV1D1770 |  |  |
| MPXV1D2213 |  |  |

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