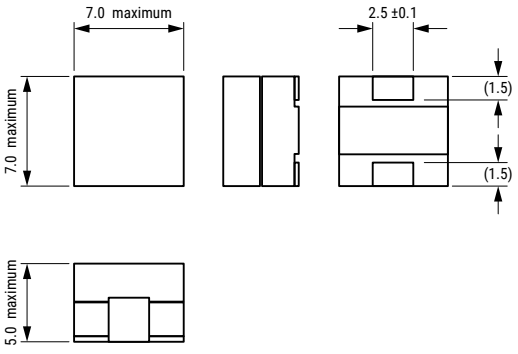

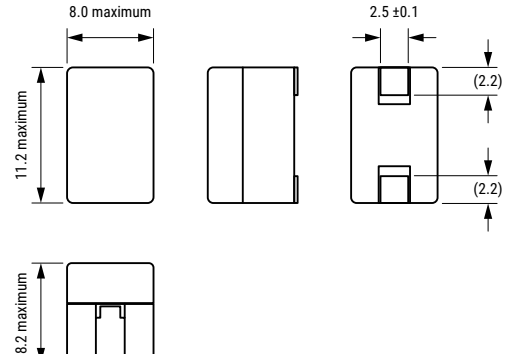
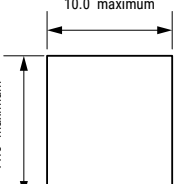


SMD Ferrite Inductor Engineering Kit

Sample Kit Contents

| KEMET Part Number | Inductance | Inductance Tolerance | Current | DC Resistance | Thickness | Quantity | Description |
|-------------------|------------|----------------------|---------|---------------|-----------|----------|-----------------------------|
| TPI077050L105N | 105nH | 20% | 60A | 0.32 mOhms | 5mm | 10 | TPI SMD 105nH 20% -40/+125C |
| TPI111065L210N | 210nH | 10% | 54A | 0.29 mOhms | 6.5mm | 10 | TPI SMD 210nH 10% -40/+125C |
| TPI118082L150N | 150nH | 10% | 93A | 0.29 mOhms | 8.2mm | 10 | TPI SMD 150nH 10% -40/+125C |
| TPI118082L180N | 180nH | 10% | 79A | 0.29 mOhms | 8.2mm | 10 | TPI SMD 180nH 10% -40/+125C |
| TPI128080L180N | 180nH | 10% | 78A | 0.29 mOhms | 8mm | 10 | TPI SMD 180nH 10% -40/+125C |
| TPI128080L210N | 210nH | 10% | 70A | 0.29 mOhms | 8mm | 10 | TPI SMD 210nH 10% -40/+125C |
| TPI128080L230N | 230nH | 10% | 64A | 0.29 mOhms | 8mm | 10 | TPI SMD 230nH 10% -40/+125C |

Dimensions – Millimeters

| Case Size | Dimensions (mm) | Case Size | Dimensions (mm) |
|-----------|--|-----------|---|
| TPI077050 |  | TPI111065 |  |
| TPI118082 |  | TPI128080 |  |

| Size Code | W | | F | | E1 | | P1 | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| TPI077050 | 16 | ±0.30 | 7.5 | ±0.10 | 1.75 | ±0.10 | 12 | ±0.10 |
| TPI118082 | 24 | ±0.30 | 11.5 | ±0.10 | 1.75 | ±0.10 | 16 | ±0.10 |
| TPI111065 | 24 | ±0.30 | 11.5 | ±0.10 | 1.75 | ±0.10 | 16 | ±0.10 |
| TPI128080 | 24 | ±0.30 | 11.5 | ±0.10 | 1.75 | ±0.10 | 16 | ±0.10 |

| Size Code | P2 | | P0 | | D0 | | T | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| TPI077050 | 2 | ±0.10 | 4 | ±0.10 | 1.55 | ±0.05 | 0.4 | ±0.05 |
| TPI118082 | 2 | ±0.10 | 4 | ±0.10 | 1.55 | ±0.05 | 0.4 | ±0.05 |
| TPI111065 | 2 | ±0.10 | 4 | ±0.10 | 1.55 | ±0.05 | 0.4 | ±0.05 |
| TPI128080 | 2 | ±0.10 | 4 | ±0.10 | 1.55 | ±0.05 | 0.4 | ±0.05 |