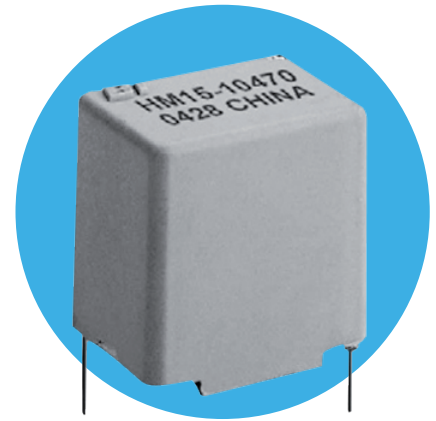


Encapsulated Low Power Inductors

Model HM15

Features and Benefits

- Insulation Resistance, Minimum 100 MΩ
- Operating Temperature Range -40°C to +105°C
- Temperature Rise, Maximum 40°C
- RoHS Compliant



Specifications @ 25°C / Packaging

| Part Number | Inductance Typical μH | Current @ 40°C Rise Amps DC Max. | DC Resistance Ω Max. | E _{Top} V- μSec | Figure | Carton Box Quantity (Units) |
|--------------|----------------------------------|----------------------------------|-----------------------------|-------------------------------------|--------|-----------------------------|
| HM15-1015OLF | 150 | 1.70 | 0.36 | 80 | 1 | 462 |
| HM15-1022OLF | 220 | 1.50 | 0.38 | 90 | 1 | 462 |
| HM15-1033OLF | 330 | 1.00 | 0.74 | 100 | 1 | 462 |
| HM15-1047OLF | 470 | 0.90 | 1.18 | 120 | 1 | 462 |
| HM15-1068OLF | 680 | 0.85 | 1.25 | 175 | 1 | 462 |
| HM15-1082OLF | 820 | 0.75 | 2.30 | 175 | 1 | 462 |
| HM15-1100OLF | 1,000 | 0.50 | 2.40 | 175 | 1 | 462 |
| HM15-2015OLF | 150 | 1.70 | 0.36 | 80 | 2 | 810 |
| HM15-2022OLF | 220 | 1.50 | 0.38 | 90 | 2 | 810 |
| HM15-2033OLF | 330 | 1.00 | 0.74 | 100 | 2 | 810 |
| HM15-2047OLF | 470 | 0.90 | 1.18 | 120 | 2 | 810 |
| HM15-2068OLF | 680 | 0.85 | 1.25 | 175 | 2 | 810 |
| HM15-2082OLF | 820 | 0.75 | 2.30 | 175 | 2 | 810 |
| HM15-2100OLF | 1,000 | 0.50 | 2.40 | 175 | 2 | 810 |

Schematic (Figure 1 & 2)

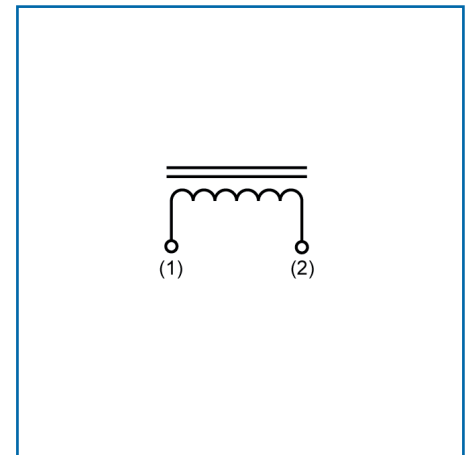


Figure 1 (Inch / mm)

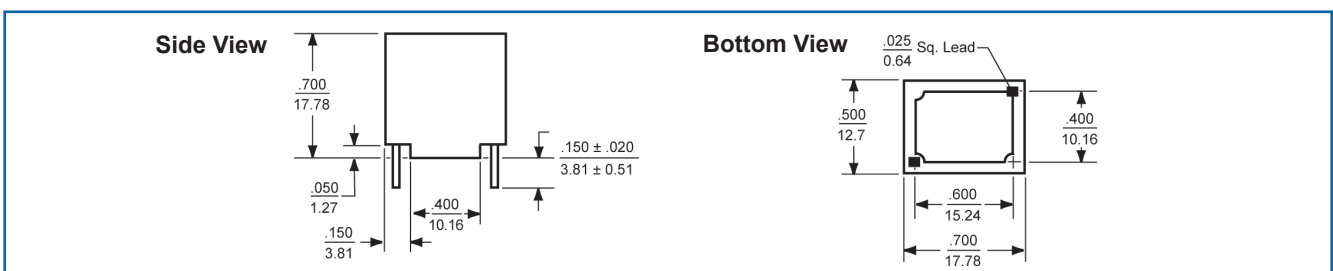
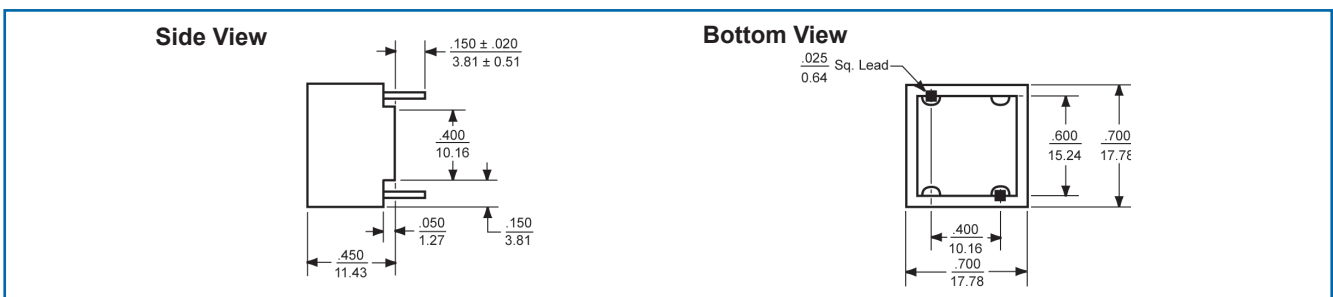


Figure 2 (Inch / mm)



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.