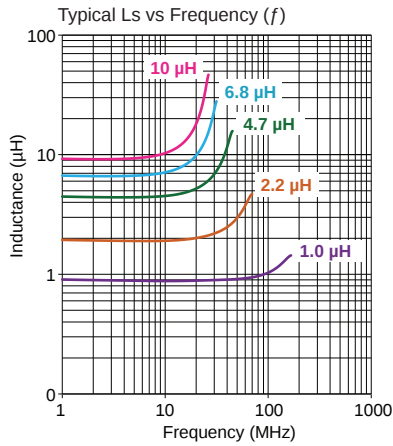
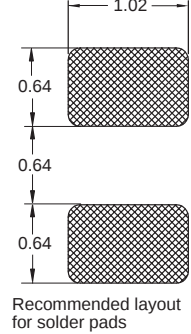
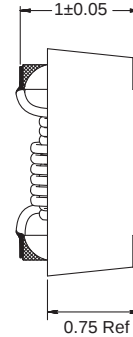
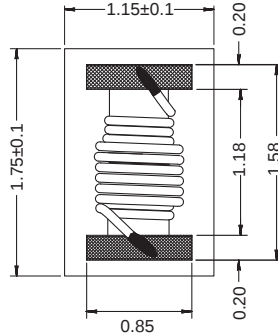


**0603 LDM**



**PRELIMINARY SPECIFICATION**

Engineer's Kit: EK-0603LDM-X  
Semi-shielded



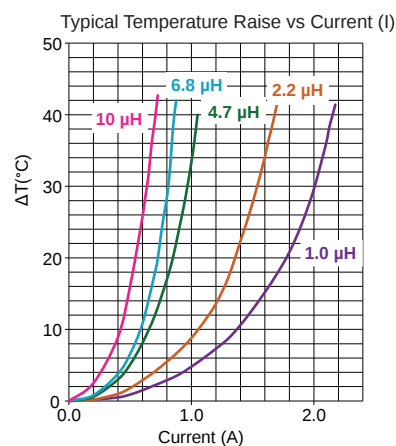
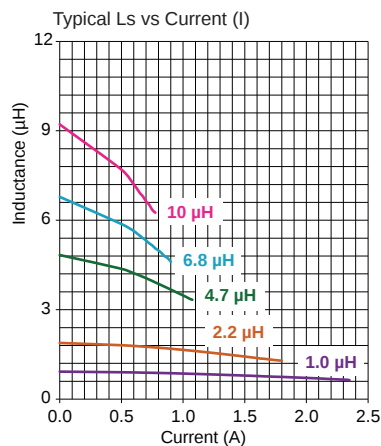
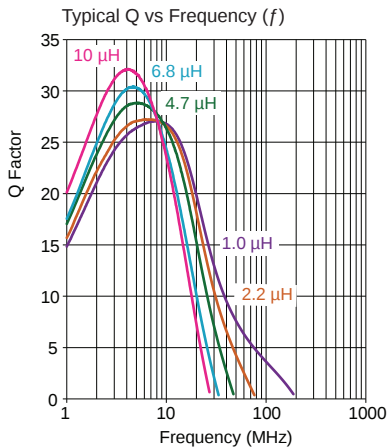
| Part No         | Inductance   | $f_L$ | Tol          | DCR              | Rated DC Current (A) |      |                         |      |
|-----------------|--------------|-------|--------------|------------------|----------------------|------|-------------------------|------|
|                 | L ( $\mu$ H) | (MHz) | $\pm$ (%)    | max ( $\Omega$ ) | Isat<br>Typ          | max  | I <sub>rms</sub><br>Typ | max  |
| 0603LDM-1R0X-01 | 1.0          | 1.0   | <b>20,30</b> | 0.192            | 1.90                 | 1.50 | 1.80                    | 1.50 |
| 0603LDM-2R2X-01 | 2.2          | 1.0   | <b>20,30</b> | 0.288            | 1.50                 | 1.20 | 1.40                    | 1.20 |
| 0603LDM-4R7X-01 | 4.7          | 1.0   | <b>20,30</b> | 0.600            | 1.00                 | 0.80 | 0.90                    | 0.80 |
| 0603LDM-6R8X-01 | 6.8          | 1.0   | <b>20,30</b> | 0.960            | 0.80                 | 0.60 | 0.63                    | 0.56 |
| 0603LDM-100X-01 | 10           | 1.0   | <b>20,30</b> | 1.260            | 0.70                 | 0.56 | 0.63                    | 0.56 |

**Core Material:** Ferrite

Revision date: 04 Sept 2025

**SPQ:** Taped / Reel 4000 [-01]

**Remarks:** Unlisted inductance values available upon request.



● Bold figure for Tol% is standard

● All dimensions in mm

Chip Inductors for RF Applications (Wire wound - open)