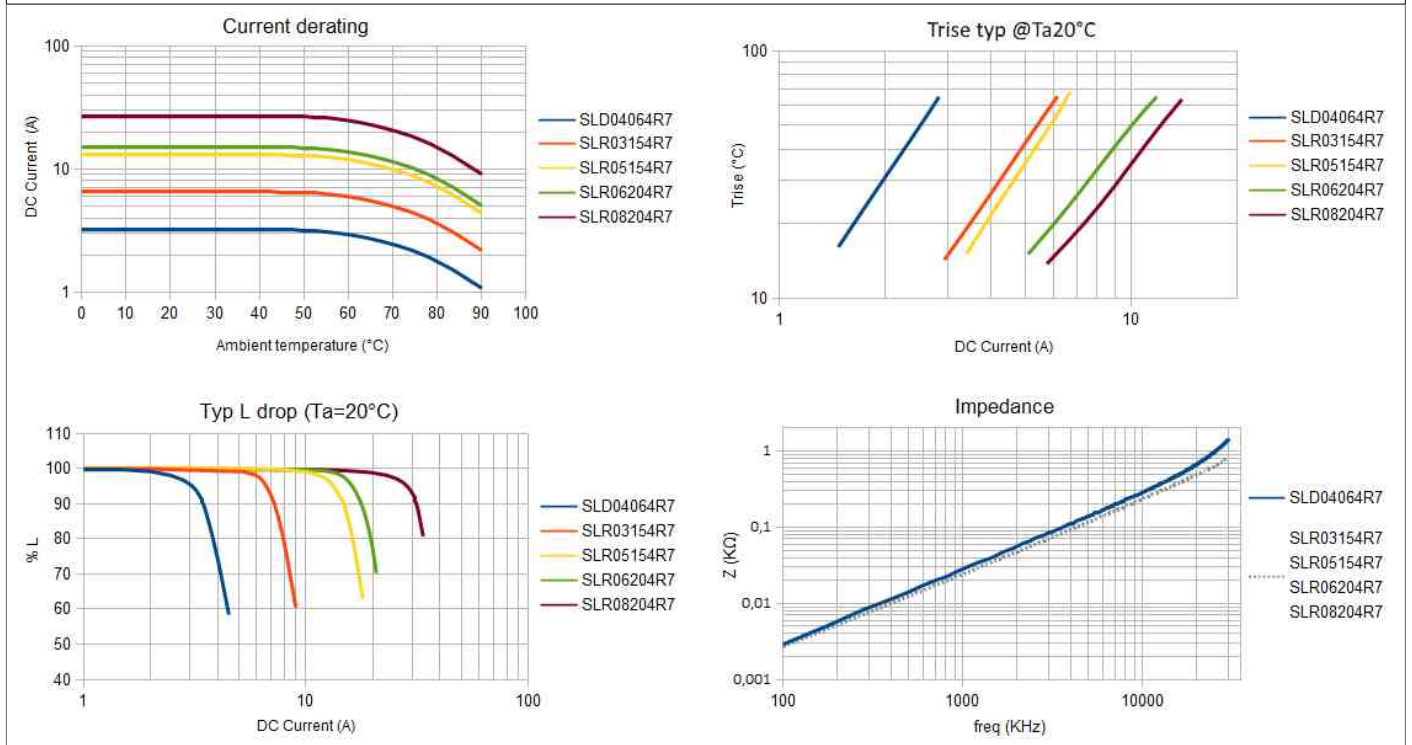


- Excellent current/dimensions ratio
- Designed for ripple smoothing, very good for EMC and energy storage using (filters, DC/DC converters, etc.)
- Others values and tolerances on request



| Code | Nominal Inductance ¹ | Nominal Current ² | Saturation Current ³ | Typical DCR ⁴ | SRF min | Drawing |
|------------|---------------------------------|------------------------------|---------------------------------|--------------------------|---------|---------|
| SLD04064R7 | 4,7 μH | 2,75 A | 3,20 A | 36 mΩ | > 30MHz | 1 |
| SLR03154R7 | 4,7 μH | 5,80 A | 6,30 A | 16,5 mΩ | > 30MHz | 2 |
| SLR05154R7 | 4,7 μH | 6,40 A | 13,0 A | 15,5 mΩ | > 30MHz | 2 |
| SLR06204R7 | 4,7 μH | 11,5 A | 15,0 A | 7,9 mΩ | > 30MHz | 2 |
| SLR08204R7 | 4,7 μH | 13,5 A | 27,0 A | 6,7 mΩ | > 30MHz | 2 |

| Dimensions (mm) | SLD0406... | SLR0315... | SLR0515... | SLR0620... | SLR0820... | Drawings |
|-----------------|------------|------------|------------|------------|------------|----------|
| a max (∅) | 5,3 | 5,8 | 8,1 | 9,4 | 12,4 | |
| a1 max | -- | 6,6 | 9 | 11,1 | 13,8 | |
| h max | 8,8 | 17,9 | 17,9 | 23,2 | 23,2 | |
| x typ | 2,0 | 4,7 | 6,9 | 8,6 | 11,0 | |
| l min | 4,7 | 5,0 | 6,2 | 6,8 | 8,1 | |
| d typ (∅) | 0,5 | 0,7 | 0,8 | 1,1 | 1,3 | |



¹ Tolerances ±15% - Measured @10KHz-100mV.

² Max continuous DC current for 65°C approx temperature rise.

Actual max DC/ACrms current depends to the ambient temperature and acceptable Trise.

High frequency currents increase the power loss, the max temperature of the inductor shall not exceed 105°C in actual working conditions.

³ Max peak current for inductance decreasing within nominal value -25%.

⁴ Referred to 20°C.