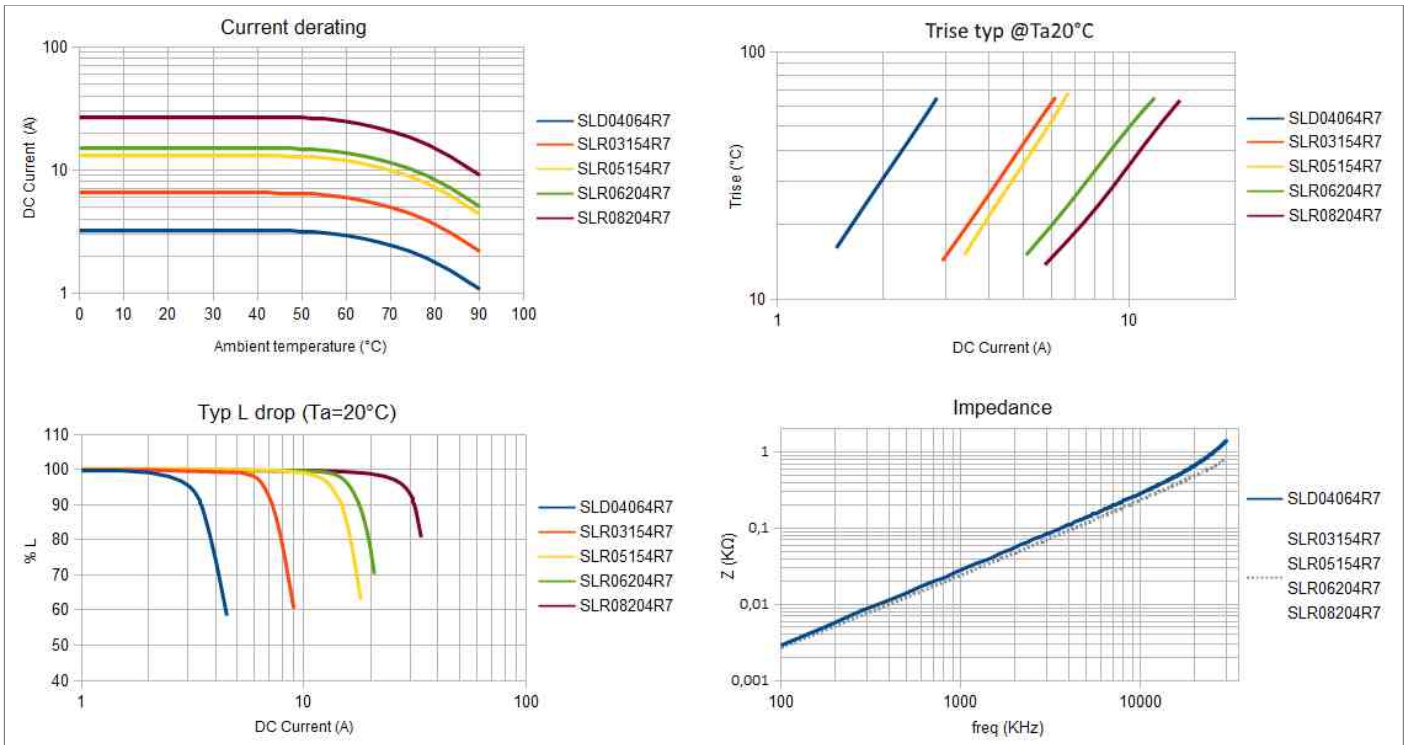


- Excellent current/dimensions ratio
- Designed for ripple smoothing, very good for EMC and energy storage using (filters, DC/DC converters, etc.)
- Others values and tolerances on request



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.