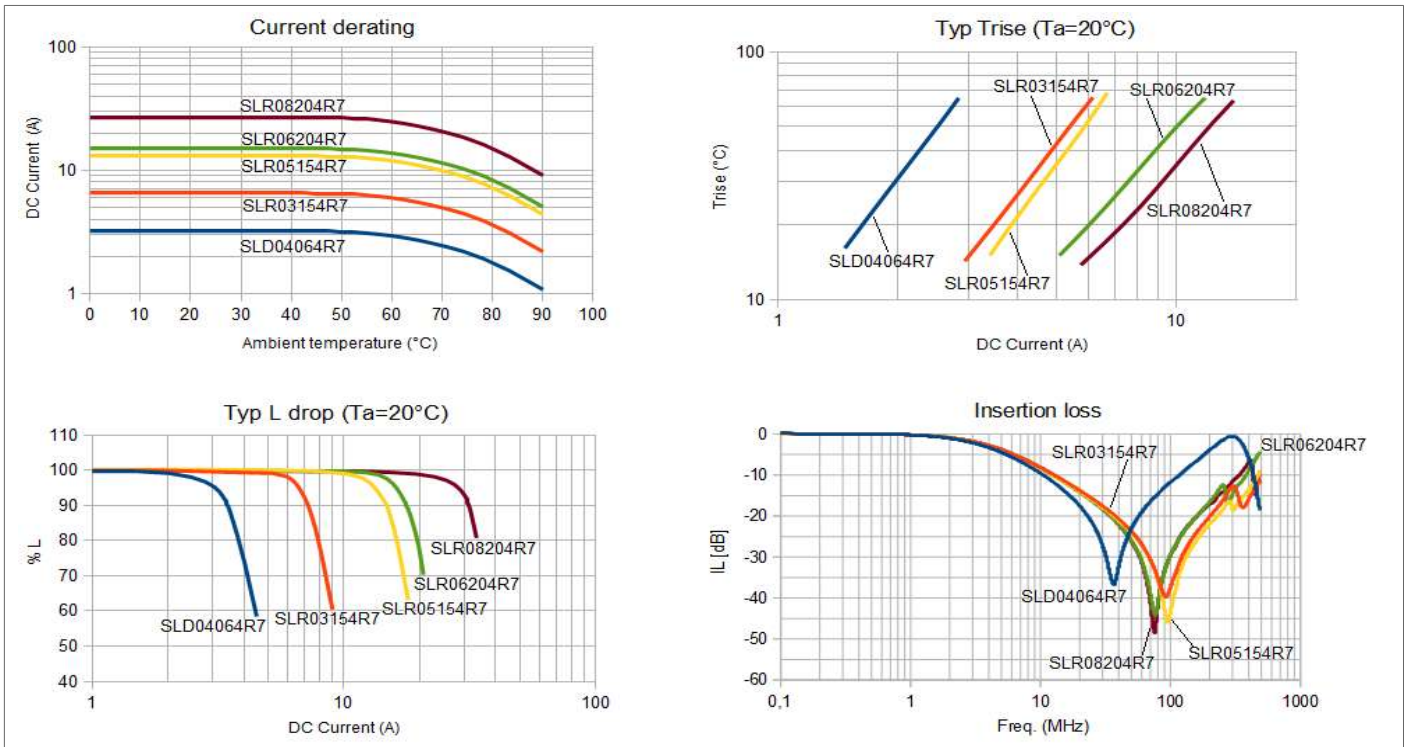


- Excellent current/dimensions ratio
- Designed for ripple smoothing, very good for EMC and energy storage using (filters, DC/DC converters, etc.)
- Other values and tolerances on request



Code	Nominal Inductance ¹	Nominal Current ²	Saturation Current ³	Typical DCR ⁴	SRF min	Drawing	.stp file Download
SLD04064R7 ⁵	4.7 μH	2.75 A	3.20 A	36 mΩ	> 25MHz	1	
SLR03154R7	4.7 μH	5.80 A	6.30 A	16.5 mΩ	> 60MHz	2	
SLR05154R7	4.7 μH	6.40 A	13.0 A	15.5 mΩ	> 60MHz	2	
SLR06204R7	4.7 μH	11.5 A	15.0 A	7.9 mΩ	> 50MHz	2	
SLR08204R7	4.7 μH	13.5 A	27.0 A	6.7 mΩ	> 50MHz	2	

Dimensions (mm)	SLD04064R7	SLR03154R7	SLR05154R7	SLR06204R7	SLR08204R7	Drawings
A max (∅)	5.3	5.8	8.1	9.8	12.4	
A1 max	--	6.6	9.0	11.1	14.4	
H max	8.8	17.9	17.9	23.2	23.2	
X typ	2.0	4.7	6.9	8.6	12.0	
L min	4.7	7.0	6.5	9.0	9.0	
D typ (∅)	0.5	0.7	0.8	1.0	1.2	



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.

⁵ Taped packaging on request