



CSD0910B

Digital D-Class Power Amplifier Inductor

FEATURES

- Magnetic shielded structure: excellent resistance to electromagnetic interference(EMI).
- Assemblage design, sturdy structure.
- Small volume, high current, low magnetic loss, low ESR, small parasitic capacitance.
- High temperature wire, closed magnetic circuit, ultra low buzz noise.
- Operating temperature : -40°C ~ +125°C (Including coil's temperature rise).

Part No.	Dimension(mm)			Inductance (μH)	DCR(mΩ)		Saturation Current (A)	Temperature rise current (A)
	Length	Width	Height		Typical	Max		
CSD0910B-3R3M	10.0	9.00	10.5	3.30	15.6	19.0	18.0	5.00
CSD0910B-4R7M	10.0	9.00	10.5	4.70	15.6	19.0	11.0	5.00
CSD0910B-6R8M	10.0	9.00	10.5	6.80	15.6	19.0	8.70	5.00
CSD0910B-8R2M	10.0	9.00	10.5	8.20	15.6	19.0	6.80	5.00
CSD0910B-100M	10.0	9.00	10.5	10.0	15.6	19.0	5.60	5.00
CSD0910B-120M	10.0	9.00	10.5	12.0	20.0	22.0	5.00	4.80
CSD0910B-150M	10.0	9.00	10.5	15.0	32.7	36.0	4.60	3.50
CSD0910B-220M	10.0	9.00	10.5	22.0	32.7	36.0	3.00	3.50

