



CSCI1056

High Current Inductor

FEATURES

- Magnetic shielded structure: excellent resistance to electromagnetic interference(EMI).
- Flat wire winding, achieve a low dc resistance.
- Low loss, high efficiency, wide application frequency and application scope.
- Lightweight design, save a space, suitable for high density SMT.
- 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		
CSCI1056-1R3M	10.5	10	5.6	1.3	4.2	4.9	16	11
CSCI1056-1R5M	10.5	10	5.6	1.5	4.2	4.9	14	11
CSCI1056-2R2M	10.5	10	5.6	2.2	4.8	5.7	12	10.5
CSCI1056-4R0M	10.5	10	5.6	4	11.2	13.5	12	7
CSCI1056-5R6M	10.5	10	5.6	5.6	11.7	14	8	6.7
CSCI1056-6R8M	10.5	10	5.6	6.8	16.5	20	7	5.6
CSCI1056-8R8M	10.5	10	5.6	8.8	17.5	21.5	6	5.4

