

Power Inductors (MCSCH Type)



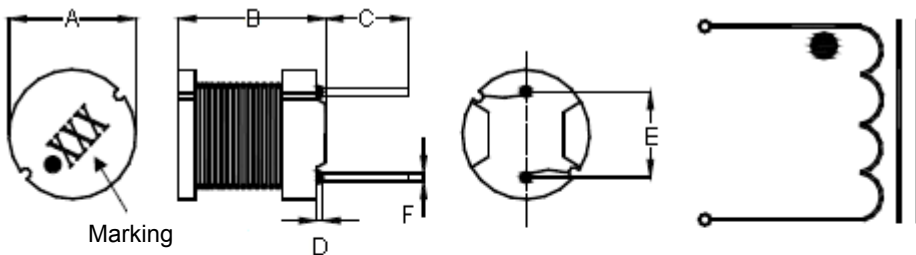
Applications :

Power inductors are applied for switching power supply with high reliability efficiency and saturation

Electrical characteristic (L & IDC) :

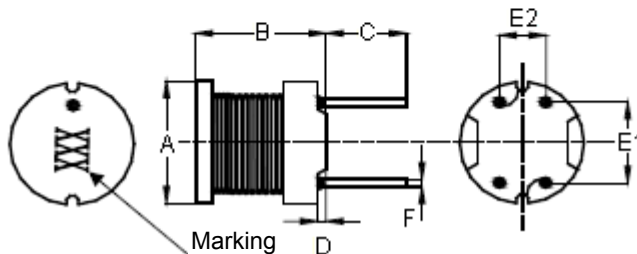
Series 10 uH / 5.3 A to 1,000 u H / 0.53 A

Configurations & Dimensions



Marking

Note: White Dot on First



Marking

Note: White Dot on First

Dimension Table

A (Max)	B (Max)	C	D (Max)	E1	E2	F (Ref)
10.5	10.5	5 ±0.5	3	5 ±0.5	4 ±0.5	0.7

Dimension: Millimetres

Specification Table

Description	Inductance (µH)	IDC (A)	L at IDC (µH)	Test Frequency (KHZ / 0.25V)	DCR (Ω) Max	Part Number
Inductor , 100 µH, 20%, Radial Leaded	100	1.7	96.74	1	0.16	MCSCH110-101MU

Specifications

Tolerance of inductance : ±10% (K)

Rated D.C. current

Inductance drop=10% typical at IDC or D.C. current Δ40°C, whichever is low (Ta=20°C)

Operating temperature range: -25°C to +85°C

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