

Miniature Fixed Chip Inductors - 233 H01 Series



- With or without tab terminations
- Terminations with tin-lead coating
- Q factor ≥ 30 at 1 MHz
- SRF ≥ 8 MHz
- $\Delta L/L \pm 1000$ ppm/°C
- Materials meet UL94-V0 rating
- Weight: 0.12 gram

Electrical Data (25°C)

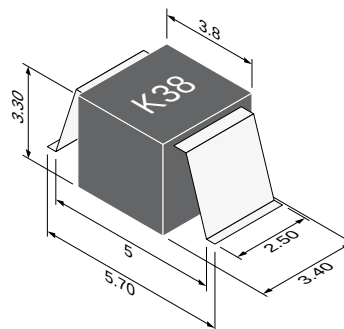
ID Code	Inductance $\mu\text{H} \pm 15\%$	IDC* Amps	DCR $\text{m}\Omega \pm 15\%$
MPCI 233 H01 K38 1x	0.38	1.5	16.0
MPCI 233 H01 K67 1x	0.67	1.25	25.0
MPCI 233 H01 1K0 1x	1.0	1.0	38.0
MPCI 233 H01 1K5 1x	1.5	0.85	54.0
MPCI 233 H01 2K0 1x	2.0	0.70	79.0
MPCI 233 H01 2K7 1x	2.7	0.62	100
MPCI 233 H01 3K4 1x	3.4	0.55	129
MPCI 233 H01 4K6 1x	4.6	0.49	160
MPCI 233 H01 5K6 1x	5.6	0.44	200
MPCI 233 H01 7K1 1x	7.1	0.41	228
MPCI 233 H01 10K 1x	10.0	0.34	335
MPCI 233 H01 12K 1x	12.0	0.29	460
MPCI 233 H01 27K 1x	27.0	0.20	900
MPCI 233 H01 M10 1x	100.0	0.10	3300

* Max permanent DC current at +125 °C.

Ambient temperature: -55°C/+175 °C

Storage temperature: -55°C/+125 °C

Typical Dimensions (mm)

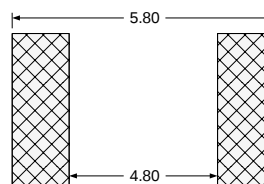


To Order

MPCI 233 H01 ### 1x

MPCI 233 H01	###	1	x
Range	Inductance value	Version	Terminations x = G for Gold x = T for Tinned

PCB Layout (suggested)



Application

Output filtering in low power DC / DC conversion

Packaging

Tray

