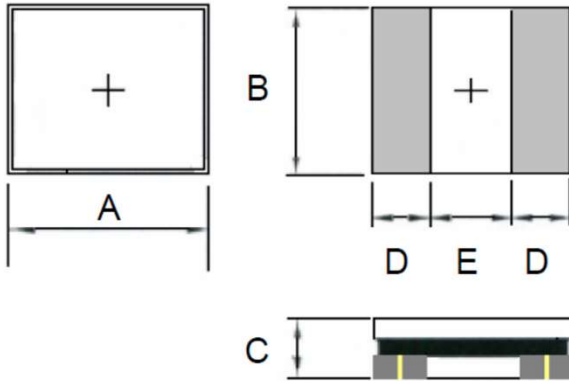


1. Features

1. This specification applies Low Profile Power Inductors.
2. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HPC252008MF:	2.5 -0.1/+ 0.3	2.0 -0.05/+0.35	0.80 max	0.85 ref.	0.80 ref.

Units: mm

3. Part Numbering

HPC
252008
MF
-
4R7
M

A
B
C
D
E

A: Series

B: Dimension

C: Lead Free

Material

D: Inductance

4R7=4.7uH

E: Inductance Tolerance

M=±20% Y=±30%

4. Specification

PARTS No	Inductance (μ H) \pm 20%	Isat (Typ) A	Irms (Typ) A	DCR (Typ) m Ω	DCR (Max) m Ω
HPC252008MF-1R0M	1.0	1.75	1.2	120	145
HPC252008MF-1R5M	1.5	1.65	1.05	170	200
HPC252008MF-2R2M	2.2	1.4	0.95	210	250
HPC252008MF-3R3M	3.3	1.1	0.85	300	360
HPC252008MF-4R7M	4.7	0.9	0.7	400	480
HPC252008MF-6R8M	6.8	0.75	0.55	670	800
HPC252008MF-100M	10	0.55	0.45	930	1110

Note:

Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.

Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately Δ T of 40°C

SINKA JAPAN CO.,LTD