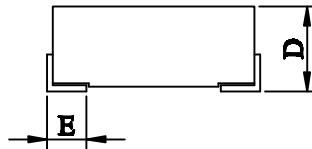
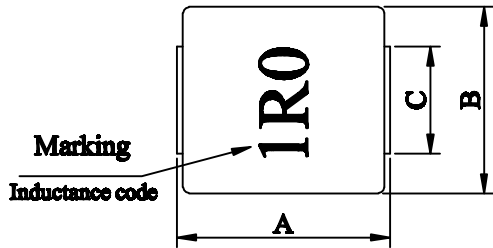


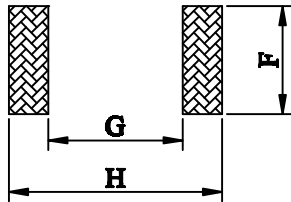
SPECIFICATION FOR APPROVAL

PROD. NAME	SMD POWER INDUCTOR	DWG NO.	MPI0420□□□□L□
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I . CONFIGURATION & DIMENSIONS:

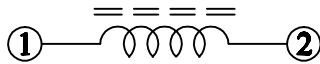


- A : 4.50 ± 0.3 m/m
- B : 4.00 ± 0.3 m/m
- C : 1.60 ± 0.2 m/m
- D : 2.00 max. m/m
- E : 0.76 ± 0.3 m/m
- F : 2.00 typ. m/m
- G : 1.65 typ. m/m
- H : 5.00 typ. m/m



(PCB Pattern)

II . SCHEMATIC DIAGRAM:



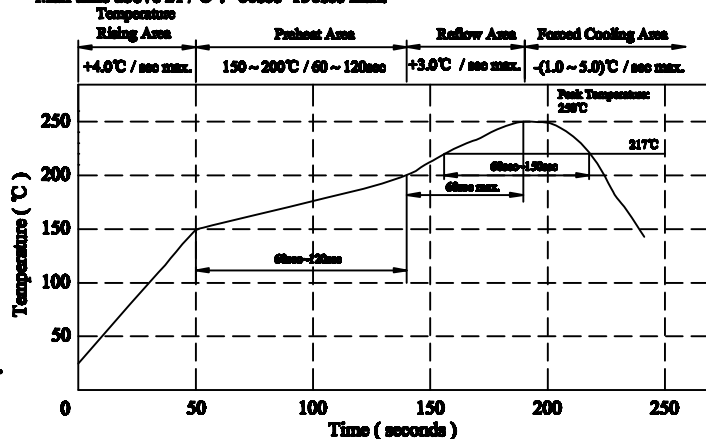
III . MATERIALS:

- a . Core: Iron powder
- b . Wire: Enamelled copper wire
- c . Cilp: Cu / Ni / Sn
- d . Remark: Products comply with RoHS' requirements

IV . GENERAL SPECIFICATION:

- a . Temp. rise : 40°C max. at rated current
- b . Storage temp.: -40°C — +120°C
- c . Operating temp.: -40°C — +125°C (included Temp. rise)
- d . Resistance to solder heat: 250°C.10 secs.

Peak Temp: 250°C max.
 Max. Peak Temp - 5°C: 30sec max.
 Max time above 217°C : 60sec~150sec max.



SPECIFICATION FOR APPROVAL

PROD. NAME	SMD POWER INDUCTOR	DWG NO.	MPI0420□□□□L□
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V . ELECTRICAL CHARACTERISTICS :

DWG No.	L (μ H) 0.25V/100KHz	RDC (m Ω) max.	Isat (A) Typ.	Irms (A) Typ.
MPI0420R10□L□	0.10 \pm 30%	5.00	22.0	12.0
MPI0420R20□L□	0.20 \pm 30%	7.80	12.5	9.00
MPI0420R47□L□	0.47 \pm 30%	18.0	8.00	7.00
MPI0420R56□L□	0.56 \pm 30%	21.3	7.80	6.50
MPI04201R0□L□	1.00 \pm 30%	42.0	7.00	4.50
MPI04201R5□L□	1.50 \pm 30%	63.0	4.00	3.30
MPI04202R2□L□	2.20 \pm 30%	90.0	3.00	2.85

- 1). Packing information : A: Bulk B: Taping Reel
- 2). Isat that will cause an approximate Temp.ries of 40°C.
- 3). Irms that will cause L0 to drop approximately 20%.

