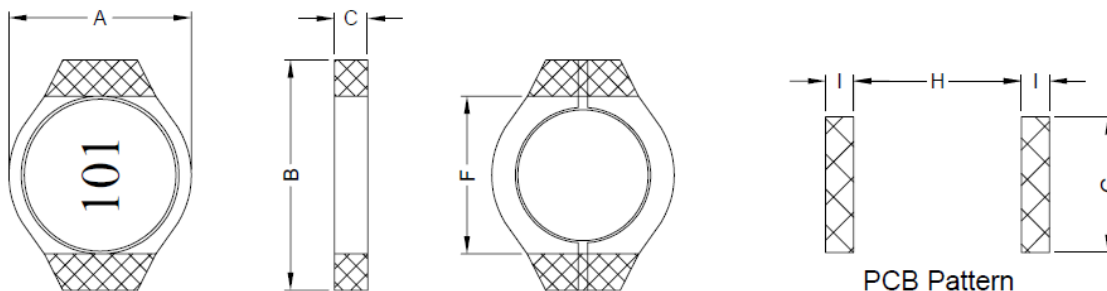


HIGH CURRENT POWER INDUCTORS

SERIE: PTK2506 7,87 x 9,14 x 1,55 mm

DIMENSIONS:

VPE: 2000pcs.



PCB Pattern

Unit:m/m

| A | B | C | F | G | H | I |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 7.87 Max. | 9.14 Max. | 1.55 Max. | 7.24 Max. | 5.84 Ref. | 7.24 Ref. | 1.21 Ref. |

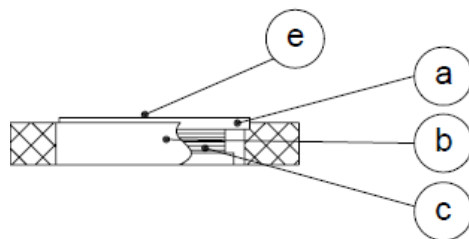
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp.rise : 40°C Typ. at Irms.
- 2- $\Delta L/L_0 = 10\%$ Typ. at Isat
- 3- Storage temp. : -40°C to 125°C
- 4- Operating temp.: - 40°C to + 85°C
- 5- Resistance to solder heat: 260°C . 10sec.

MATERIALS:



- (a) Core : DR Ferrite Core
- (b) Base : Ceramic Base
- (c) Wire : Enamelled Copper Wire
- (d) Adhesive : Epoxy
- (e) Ink : Bon Margue

NOTE : Specifications subject to change without notice. Please check our website for latest information.

HIGH CURRENT POWER INDUCTORS

SERIE: PTK2506 7,87 x 9,14 x 1,55 mm



ELECTRICAL CHARACTERISTICS:

| Part No. | L (μ H) | Tolerance | Test Frequency (Hz) | SRF (MHz) Typ. | RDC (Ω) Max | Isat (A) Max. | Irms (A) Max. |
|----------|-----------------|-----------|---------------------------|------------------------|----------------------------|-----------------------|-----------------------|
|----------|-----------------|-----------|---------------------------|------------------------|----------------------------|-----------------------|-----------------------|

| | | | | | | | |
|----------------------|------|-----|-------------|-----|--------|------|------|
| PTK2506 - 4R7 | 4,7 | 20% | 0,1V / 100K | 90 | 0,145 | 1,60 | 1,90 |
| PTK2506 - 6R8 | 6,8 | 20% | 0,1V / 100K | 75 | 0,165 | 1,30 | 1,70 |
| PTK2506 - 100 | 10 | 20% | 0,1V / 100K | 60 | 0,240 | 1,00 | 1,50 |
| PTK2506 - 150 | 15 | 20% | 0,1V / 100K | 45 | 0,300 | 0,90 | 1,30 |
| PTK2506 - 220 | 22 | 20% | 0,1V / 100K | 35 | 0,420 | 0,70 | 1,00 |
| PTK2506 - 330 | 33 | 20% | 0,1V / 100K | 30 | 0,550 | 0,60 | 0,90 |
| PTK2506 - 470 | 47 | 20% | 0,1V / 100K | 22 | 0,765 | 0,50 | 0,70 |
| PTK2506 - 680 | 68 | 20% | 0,1V / 100K | 20 | 1,100 | 0,40 | 0,60 |
| PTK2506 - 101 | 100 | 20% | 0,1V / 100K | 15 | 1,600 | 0,30 | 0,50 |
| PTK2506 - 151 | 150 | 20% | 0,1V / 100K | 12 | 2,500 | 0,25 | 0,40 |
| PTK2506 - 221 | 220 | 20% | 0,1V / 100K | 10 | 3,650 | 0,22 | 0,32 |
| PTK2506 - 331 | 330 | 20% | 0,1V / 100K | 8 | 4,650 | 0,18 | 0,28 |
| PTK2506 - 471 | 470 | 20% | 0,1V / 100K | 6,5 | 6,750 | 0,14 | 0,24 |
| PTK2506 - 681 | 680 | 20% | 0,1V / 100K | 5,5 | 9,150 | 0,12 | 0,20 |
| PTK2506 - 102 | 1000 | 20% | 0,1V / 100K | 4,5 | 14,200 | 0,10 | 0,16 |

NOTE : Specifications subject to change without notice. Please check our website for latest information.