

## Type:SMNT 1005

### ◆ Product Description

- 1.15×0.65mm Max.(L×W),0.65mm Max. Height.
- I<sub>max</sub> range:0.03~6.7(mA)
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

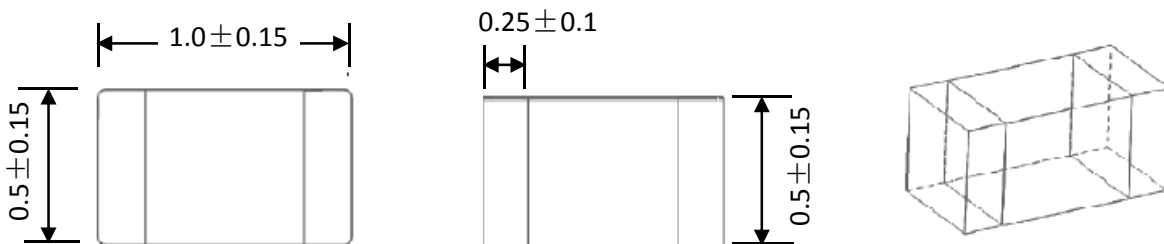
### ◆ Feature

- SMD type suitable for high density mounting
- Series of B constant for various applications
- Excellent solderability

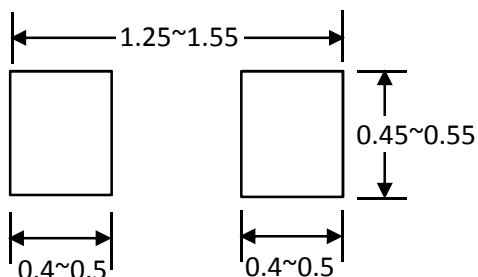
### ◆ Application

- Telecommunication equipments such as cellular phone ,automobile phone, cordless phone ,etc
- Office automation such as printer, facsimile, word processor, etc
- Consumer electronics such as VCR, DVD, CD player ,etc

### ◆ Dimensions (mm)



### ◆ Land Pattern (mm)

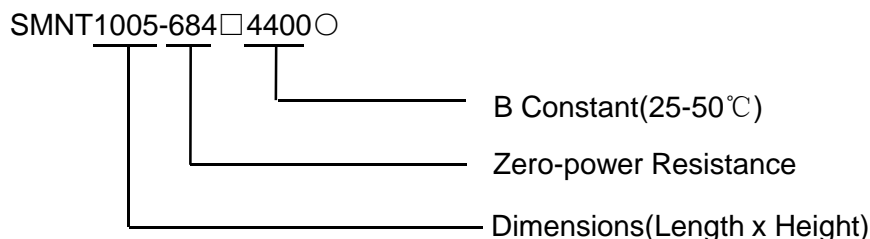


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## ◆ Specification

| Suntek Part Number | System Code | Resistance at 25°C(k $\Omega$ ) | B constant (25-50) | I <sub>max</sub> (mA)(25°C) | Thermal Time Constan | Dissipatior Factor (mW/°C) | Rated Electric Power(mW) |
|--------------------|-------------|---------------------------------|--------------------|-----------------------------|----------------------|----------------------------|--------------------------|
| SMNT1005-220□3380○ |             | 0.022                           | 3380               | 6.7                         | <3sec                | 1.0                        | 100                      |
| SMNT1005-400□3380○ |             | 0.040                           | 3380               | 5.0                         |                      |                            |                          |
| SMNT1005-101□3380○ |             | 0.10                            | 3380               | 3.1                         |                      |                            |                          |
| SMNT1005-151□3380○ |             | 0.15                            | 3380               | 2.5                         |                      |                            |                          |
| SMNT1005-221□3450○ |             | 0.22                            | 3450               | 2.1                         |                      |                            |                          |
| SMNT1005-331□3450○ |             | 0.33                            | 3450               | 1.7                         |                      |                            |                          |
| SMNT1005-471□3450○ |             | 0.47                            | 3450               | 1.4                         |                      |                            |                          |
| SMNT1005-681□3450○ |             | 0.68                            | 3450               | 1.2                         |                      |                            |                          |
| SMNT1005-102□3450○ |             | 1.0                             | 3450               | 1.0                         |                      |                            |                          |
| SMNT1005-152□3950○ |             | 1.5                             | 3950               | 0.81                        |                      |                            |                          |
| SMNT1005-222□3950○ |             | 2.2                             | 3950               | 0.67                        |                      |                            |                          |
| SMNT1005-332□3950○ |             | 3.3                             | 3950               | 0.55                        |                      |                            |                          |
| SMNT1005-472□3950○ |             | 4.7                             | 3950               | 0.46                        |                      |                            |                          |
| SMNT1005-682□3950○ |             | 6.8                             | 3950               | 0.38                        |                      |                            |                          |
| SMNT1005-103□3380○ |             | 10                              | 3380               | 0.31                        |                      |                            |                          |
| SMNT1005-153□3450○ |             | 15                              | 3450               | 0.25                        |                      |                            |                          |
| SMNT1005-223□3450○ |             | 22                              | 3450               | 0.21                        |                      |                            |                          |
| SMNT1005-333□3500○ |             | 33                              | 3500               | 0.14                        |                      |                            |                          |
| SMNT1005-473□4100○ |             | 47                              | 4100               | 0.12                        |                      |                            |                          |
| SMNT1005-503□4100○ |             | 50                              | 4100               | 0.12                        |                      |                            |                          |
| SMNT1005-683□4100○ |             | 68                              | 4100               | 0.11                        |                      |                            |                          |
| SMNT1005-104□4150○ |             | 100                             | 4150               | 0.10                        |                      |                            |                          |
| SMNT1005-154□4150○ |             | 150                             | 4150               | 0.08                        |                      |                            |                          |
| SMNT1005-224□4250○ |             | 220                             | 4250               | 0.06                        |                      |                            |                          |
| SMNT1005-334□4300○ |             | 330                             | 4300               | 0.05                        |                      |                            |                          |
| SMNT1005-474□4350○ |             | 470                             | 4350               | 0.04                        |                      |                            |                          |
| SMNT1005-684□4400○ |             | 680                             | 4400               | 0.03                        |                      |                            |                          |

## ※Description of Part Name



## Note:

- Operating Temperature is -55°C~+125°C.
- :Please specify the resistance tolerance code (F=±1%,H=±3%,J=±5%,K=±10%)
- :Please specify the B value tolerance code (F=±1%,H=±3%)