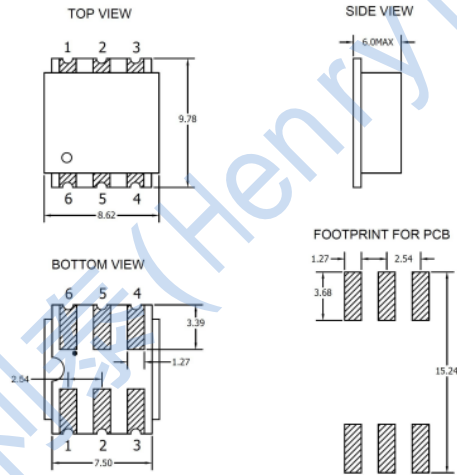




0.08-200Mhz 50Ω 1:1 Ratio Transformer

HT-T1-1T-KK81+

Mechanical Dimensions:



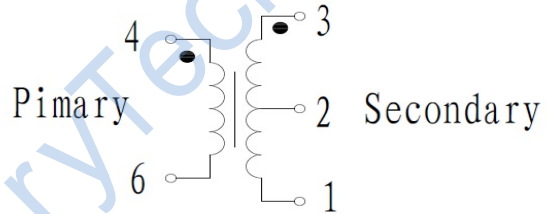
Notes:

- 1: Dimensions in mm.
- 2: Tolerance ± 0.3 mm unless otherwise noted.

Ports Configuration:

| | |
|---------------|---|
| Primary dot | 4 |
| Primary | 6 |
| Secondary dot | 3 |
| Secondary | 1 |
| Secondary CT | 2 |
| Not Used | 5 |

Schematic:



Maximum Ratings:

| Parameters | Conditions | Unit | Min | Max |
|-----------------------------|------------|------------|-----|-----|
| RF Power | | Watt | | 1 |
| DC Current | | mA | | 300 |
| Operating Temperature Range | | Degree Cel | -40 | 85 |
| Storage Temperature Range | | Degree Cel | -55 | 100 |
| Moisture Sensitivity Level | | | | 1 |

Ordering Information:

| Part Description | Details |
|------------------|--------------|
| HT-T1-1T-KK81+ | 800 per reel |



0.08-200MHz 50Ω 1:1 Ratio Transformer

HT-T1-1T-KK81+

Electrical Specifications: Ta=25°C Zo=50 Ohm Pin = 0 dBm

| Parameter | Test Conditions | Unit | Min | Typical | Max |
|-----------------|-----------------|------|------|---------|-----|
| Frequency Range | | MHz | 0.08 | ~ | 200 |
| Impedance | | | - | 50 | - |
| Impedance Ratio | | | - | 1:1 | - |
| Insertion Loss | 0.08-200MHz | dB | - | - | 3 |
| Insertion Loss | 0.15-150MHz | dB | - | - | 2 |
| Insertion Loss | 0.2-80MHz | dB | - | - | 1 |

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

