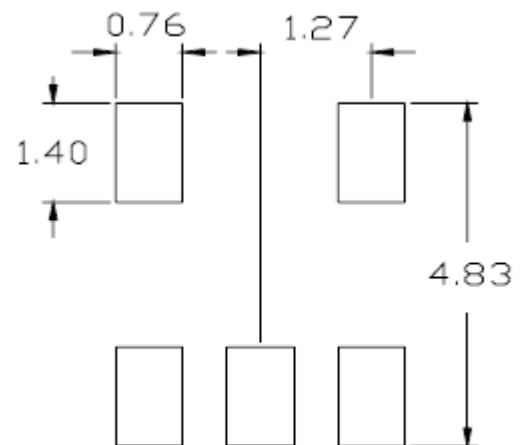
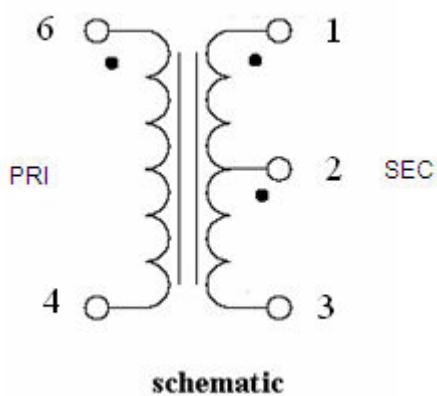
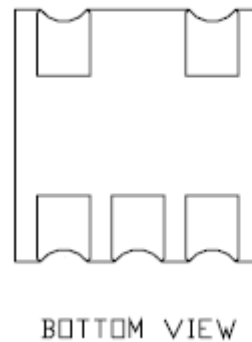
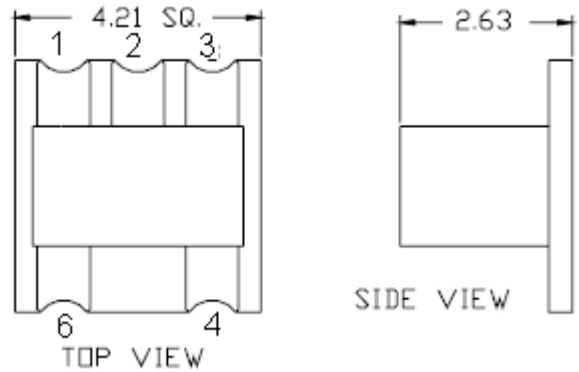
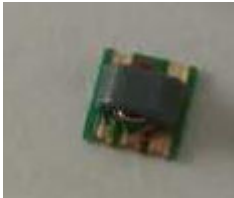


### Outline drawing

#### Feature:

1 : 4 Impedance

- Surface mount
- 260°C reflow compatible
- RoHS\* compliant and lead free
- welding connect



### Recommended Footprint

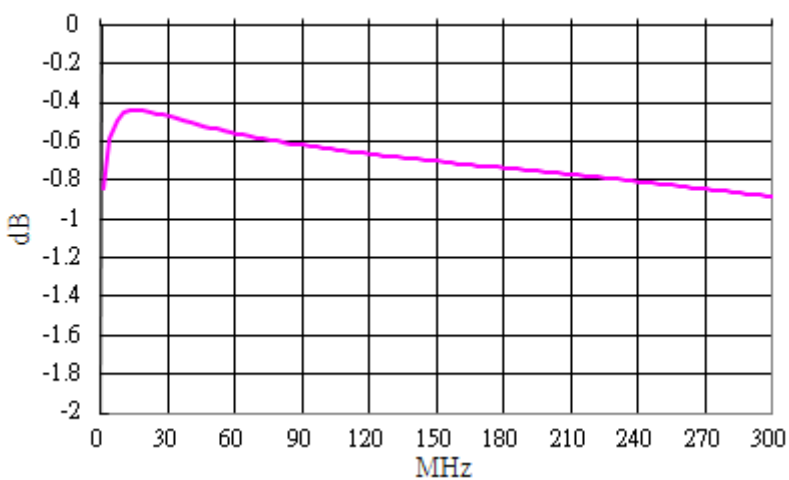
### PIN CONFIGURATION

| PIN | FUNCTION      |
|-----|---------------|
| 1   | SECONDARY DOT |
| 2   | SECONDARY CT  |
| 3   | SECONDARY     |
| 4   | PRIMARY       |
| 6   | PRIMARY DOT   |

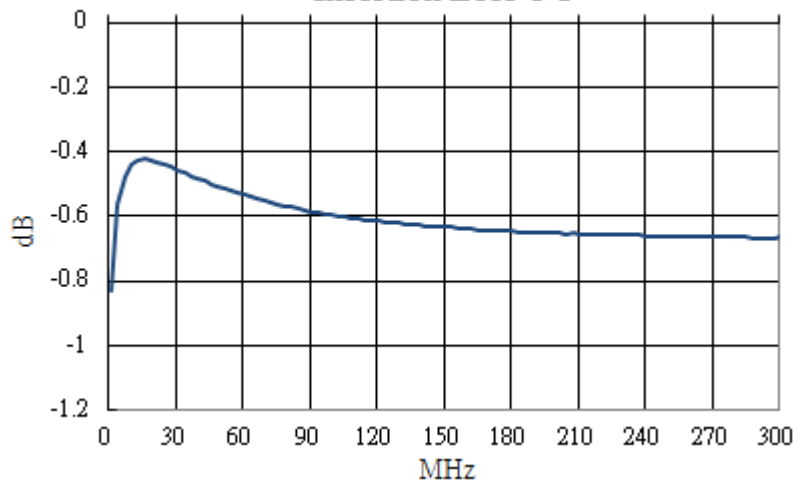
| Electrical Specifications: TA=25°C, Zo=50Ω |                 |        |      |       |       |
|--------------------------------------------|-----------------|--------|------|-------|-------|
| Parameter                                  | Test Conditions | Units  | Min. | Typ.  | Max.  |
| Insertion Loss                             | 5-50MHz         | dB     |      | 0.5   | 1.2   |
|                                            | 50-200MHz       | dB     |      | 0.8   | 1.0   |
|                                            | 0.2-350MHz      | dB     |      | 1.0   | 1.2   |
| Input return loss                          | 5-50MHz         | dB     | 18   | 25    |       |
|                                            | 50-350MHz       | dB     | 15   | 18    |       |
| Phase                                      | 0.2-350MHz      | Degree |      | ±3.0° | ±5.0° |
| Amplitude                                  | 0.2-350MHz      | dB     |      | ±0.5  | ±0.6  |
| RF Power Rating (max)                      |                 | 250mw  |      |       |       |
| DC Current Rating (max)                    |                 | 30mA   |      |       |       |
| Test Impedance (50Ω,75Ω, etc.)             |                 | 50OHM  |      |       |       |

| Parameter             | Absolute Maximum |
|-----------------------|------------------|
| RF Power              | 250 mW           |
| DC Current            | 30 mA            |
| Operating Temperature | -40°C to +85°C   |
| Storage Temperature   | -55°C to +125°C  |

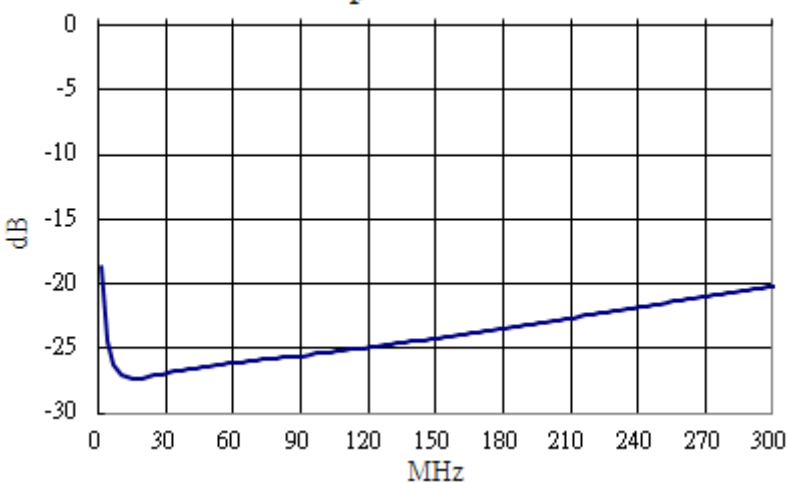
Insertion Loss 6-1



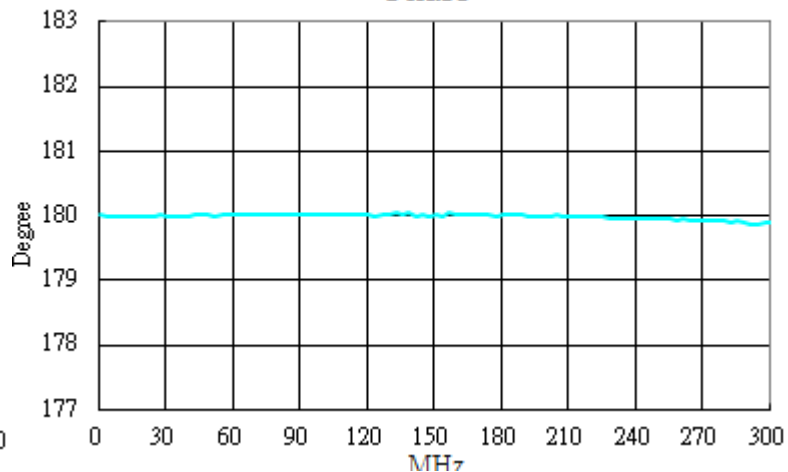
Insertion Loss 6-3



Input Return Loss



Phase



Amplitude

