



## Features

- excellent amplitude unbalance, 0.1 dB typ. in 1 dB bandwidth
- excellent return loss.
- aqueous washable

## Applications

- impedance matching
- balanced amplifiers

## JY-ADT4-6T+



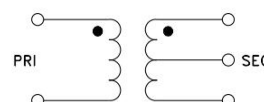
50Ω 0.06 to 300 MHz

## Transformer Electrical Specifications

| Ω<br>RATIO<br>(Secondary<br>/Primary) | FREQUEN<br>CY<br>(MHz) | INSERTION*<br>LOSS<br>(dB) |          |          | PHASE<br>UNBALANCE<br>AT<br>(Deg.)<br>Typ. |     | AMPLITUDE<br>UNBALANCE<br>(dB)<br>Typ. |     |
|---------------------------------------|------------------------|----------------------------|----------|----------|--------------------------------------------|-----|----------------------------------------|-----|
|                                       |                        | 3dB                        | 2dB      | 1dB      | 1dB                                        | 2dB | 1dB                                    | 2dB |
| 4                                     | 0.06-300               | 0.06-300                   | 0.08-250 | 0.15-200 | 1                                          | 2   | 0.1                                    | 0.2 |

\* Insertion Loss is referenced to mid-band loss, 0.3 dB typ.

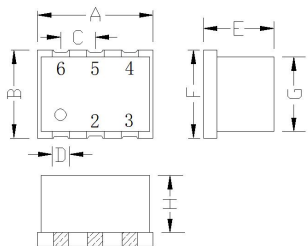
## Config. A



## Maximum Ratings

|                                                                 |                |
|-----------------------------------------------------------------|----------------|
| Operating Temperature                                           | -20°C to 85°C  |
| Storage Temperature                                             | -55°C to 100°C |
| RF Power Input*                                                 | 0.25W          |
| DC Current                                                      | 30mA           |
| Permanent damage may occur if any of these limits are exceeded. |                |

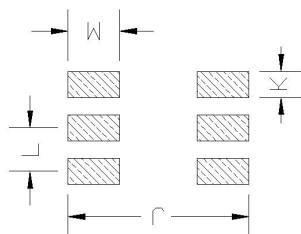
## Outline Drawing



## Pin Connections

|               |   |
|---------------|---|
| PRIMARY DOT   | 3 |
| PRIMARY       | 1 |
| SECONDARY DOT | 4 |
| SECONDARY     | 6 |
| SECONDARY CT  | 5 |
| NOT USED      | 2 |

## PCB Land Pattern



## Outline Dimensions: Unit (mm)

|    |      |   |      |
|----|------|---|------|
| A  | 8.70 | J | 8.00 |
| B  | 6.50 | K | 1.50 |
| C  | 2.54 | G | 5.50 |
| D  | 1.30 | H | 4.30 |
| E  | 5.40 | L | 2.54 |
| F  | 6.50 | M | 2.00 |
| WT | 0.4g |   |      |

