

## Features

- wideband, 0.015 to 300 MHz
- excellent return loss
- also available with plug-in (X65) flat pack (W38) leads

## Applications

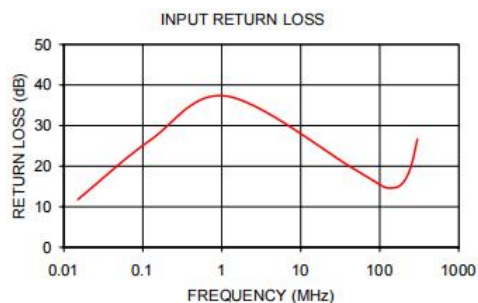
- VHF/UHF receivers/transmitters
- impedance matching

## Transformer Electrical Specifications

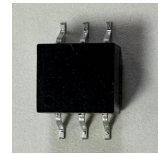
| $\Omega$<br>RATIO | FREQUENCY<br>(MHz) | INSERTION LOSS |           |         |
|-------------------|--------------------|----------------|-----------|---------|
|                   |                    | 3 dB           | 2 dB      | 1 dB    |
| 1                 | 0.015-300          | 0.015-300      | 0.021-150 | 0.03-50 |

## Typical Performance Data

| Frequency<br>(MHz) | Insertion Loss<br>(dB) | INPUT<br>R. LOSS<br>(dB) |
|--------------------|------------------------|--------------------------|
| 0.02               | 1.24                   | 11.77                    |
| 0.13               | 0.21                   | 26.45                    |
| 1.15               | 0.12                   | 37.26                    |
| 47.47              | 0.40                   | 19.27                    |
| 111.99             | 0.66                   | 14.92                    |
| 147.83             | 0.74                   | 14.64                    |
| 175.75             | 0.75                   | 15.08                    |
| 209.75             | 0.77                   | 16.64                    |
| 250.25             | 0.84                   | 20.06                    |
| 300.00             | 1.09                   | 26.64                    |



## JY-T1-6T-KK81+



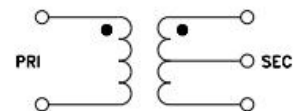
50 $\Omega$  0.015 to 300 MHz

### Maximum Ratings

|                       |                |
|-----------------------|----------------|
| Operating Temperature | -20°C to 85°C  |
| Storage Temperature   | -55°C to 100°C |
| RF Power              | 250mW          |
| DC Current            | 30mA           |

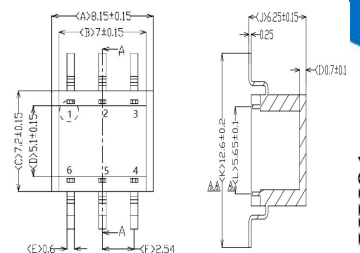
Permanent damage may occur if any of these limits are exceeded.

### Config. A



### Pin Connections

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



### Outline Dimensions: Unit (mm)

|   |      |   |      |   |      |
|---|------|---|------|---|------|
| A | 8.15 | B | 7.00 | C | 7.2  |
| D | 5.10 | E | 0.60 | F | 2.54 |
| J | 6.25 | I | 0.70 | K | 12.6 |
| L | 5.65 |   |      |   |      |