

# RF Transformer For Wideband RF Applications

## RF SERIES



### FEATURES:

- RoHS peak reflow temperature rating: 245°C
- For single-ended to balanced applications
- Value-oriented construction
- Small surface mount package
- Excellent insertion loss
- Various impedance ratios available

### PACKAGING:

- Tape & Reel : 2200 /reel
- Tray: 100 /tray

## ELECTRICAL CHARACTERISTICS:

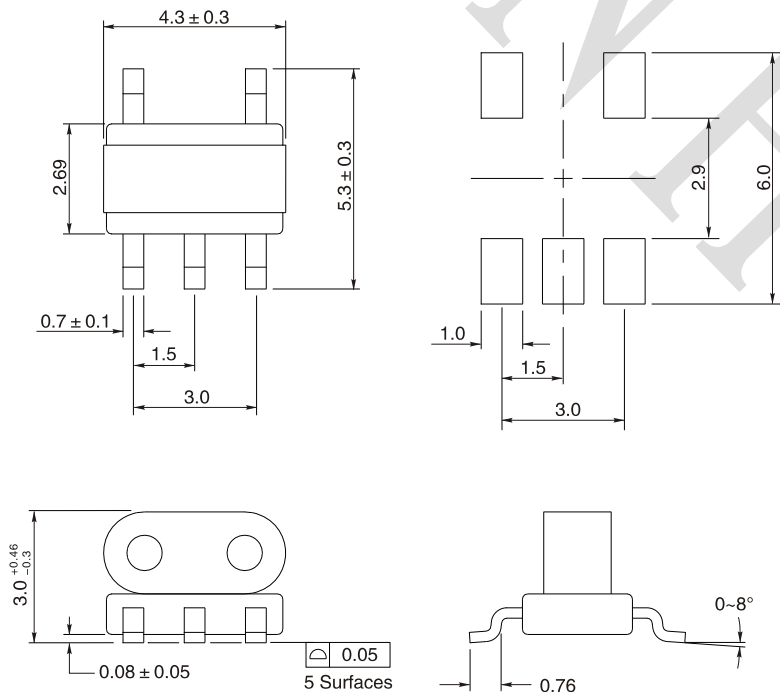
Part No.	Impedance ratio Pri : Sec ± 2%	Turns ratio Pri : Sec ± 2%	Bandwidth (MHz)Typ	Insertion loss @ Midband (dB)	Schematic
RF-2078	1:1	1:1	5-500	0.6	A
RF-2081	1:1.5CT	1:1.2CT	5-125	0.9	B
RF-2156	1:1	1:1	2.3-2700	0.2	A

Notes:

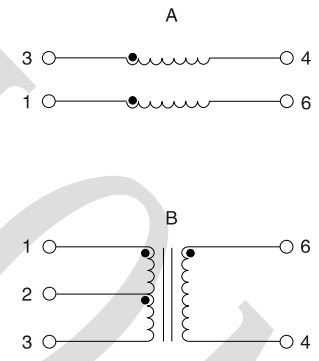
1. Impedance and turns ratios are specified primary:secondary. (CT=Center Tap).
2. Bandwidth is referenced to midband loss.
3. These transformers are verified to operate from -40°C to +85°C. Contact Applications Engineering for performance data.

## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

### Dimensions(mm)



### Schematic



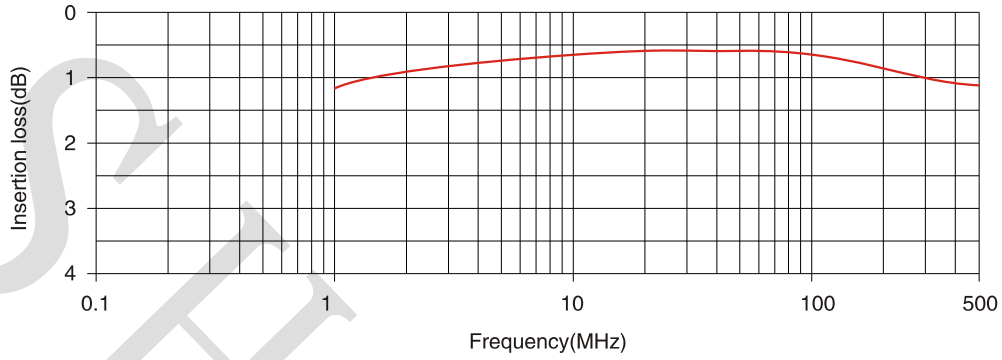
Weight ..... 0.43 grams  
 Tape & Reel ..... 2200 /reel  
 Tray ..... 100 /tray

Application Notes:

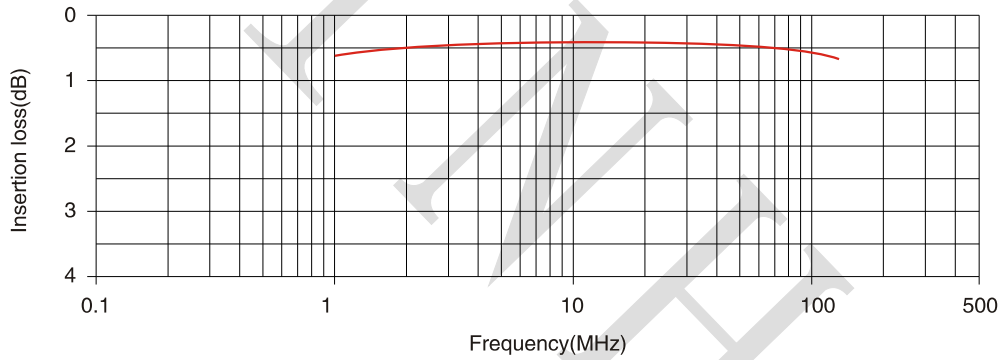
1. Bandwidth specifications are typical in a 75 Ω system.
2. Materials used in the products are UL94-V0 recognized. Products meet requirements of IEC 695-2-2 (Needle Flame Test).
3. For additional impedance ratios and frequency ranges, please contact Applications Engineering.

**Typical insertion loss:**

**RF-2078**



**RF-2081**



**RF-2156**

