






# RF TRANSFORMERS/BALUNS

## Transformers for Wideband RF Applications



-  Frequency Band: 700-2150MHz
-  Optimized for satellite TV applications
-  Miniature surface mount package
-  Various impedance ratios available
-  Ideal for Balanced-to-Unbalanced applications

### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

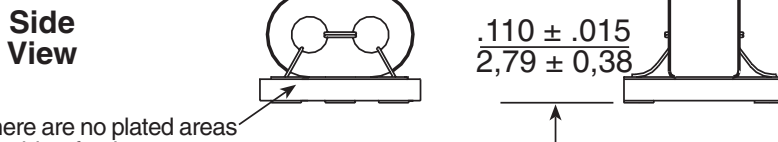
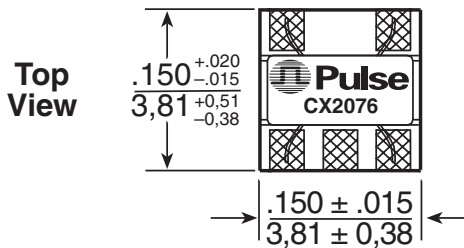
Part Number	Impedance Ratio <sup>1</sup> Pri:Sec (±2%)	Insertion Loss @ 700-2150MHz (dB TYP/MAX)	Return Loss (dB MIN)	Primary Pins
CX2076	1:1	0.6/1.5	9.0	4-6

NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: CX2076T).

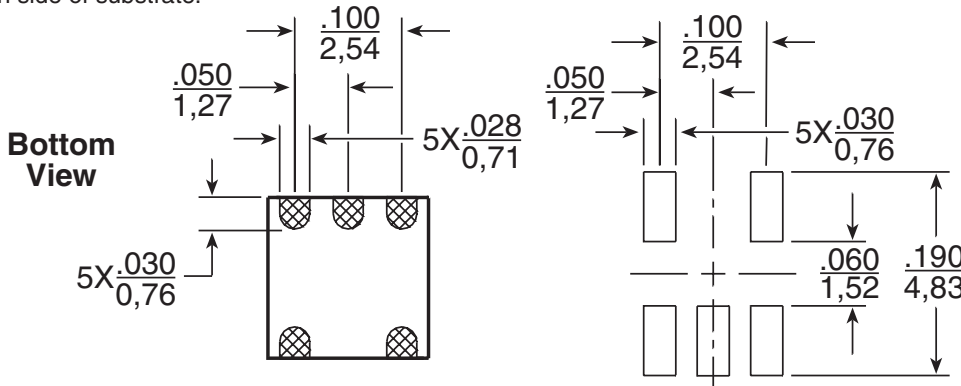
### Mechanical

### Schematics

#### RAQ



There are no plated areas on side of substrate.



Tape & Reel .....1000 /reel  
 Tray .....100 /tray  
 Power Rating .....30 mA MAX; 0.25 W MAX

Dimensions: Inches  
 mm  
 Unless otherwise specified,  
 all tolerances are ± .010  
 0,25

### SUGGESTED PAD LAYOUT

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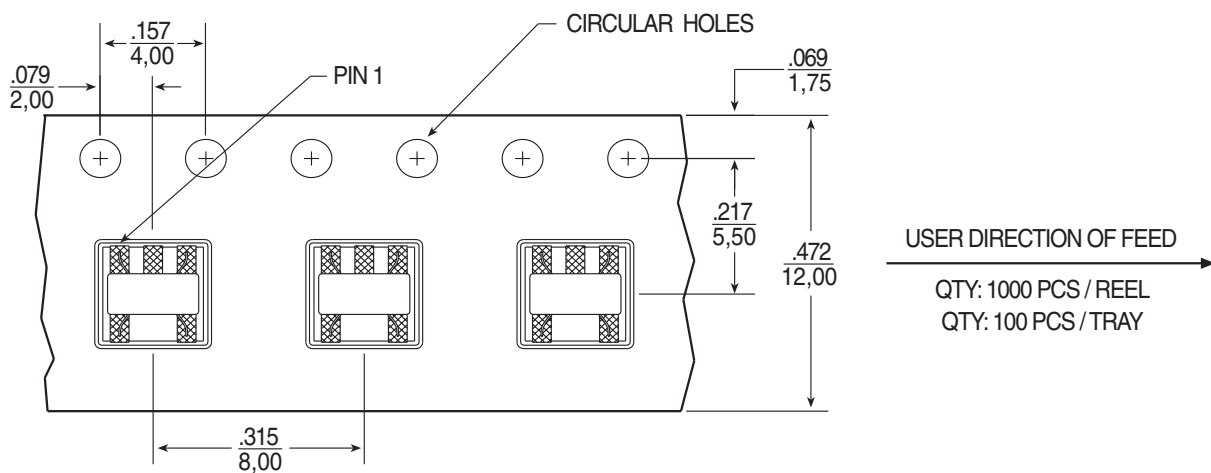
### Application Notes

- A. Materials used in the products are UL94-V0 recognized. Products meet requirements of IEC 695-2-2 (Needle Flame Test).
- B. For additional impedance ratios and frequency ranges, please contact Applications Engineering.

### Notes from Tables

1. Impedance and turns ratios are specified primary:secondary.
2. These transformers are verified to operate from -40°C to +85°C. Contact Pulse Applications Engineering for performance data.

### Tape and Reel Information



### For More Information :

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