

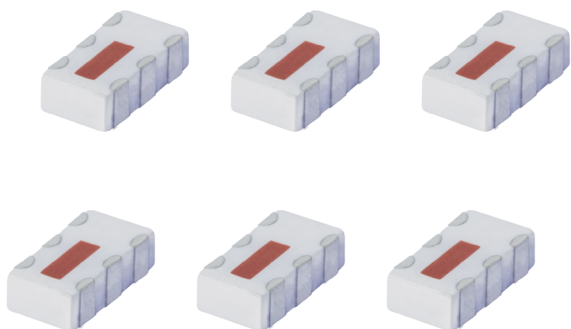


Mini-Circuits

DESIGNER'S KIT K1-TCN+

# Transformers

50Ω 600 to 2600 MHz



## FEATURES

- Balanced transmission line
- Very wide bandwidth
- Rugged LTCC construction
- Small size, 0.12" (L) x .06" (W) x .037" (H)
- Low cost

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



## K1-TCN+ ELECTRICAL SPECIFICATIONS

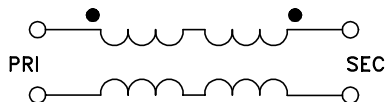
(7 models, 5 of each, 35 total)

| Model    | $\Omega$ Ratio | Frequency (MHz) | Insertion Loss (dB) | Phase Unbalance (dB) | Phase Unbalance (dB) | Configuration |
|----------|----------------|-----------------|---------------------|----------------------|----------------------|---------------|
| TCN1-10+ | 1              | 680-1050        | 1.5-500             | 2.5-400              | 2.5-400              | G             |
| TCN1-23+ | 1              | 1300-2300       | —                   | 600-1100             | 600-1100             | G             |
| TCN2-14+ | 2              | 700-1400        | 800-1900            | —                    | —                    | G             |
| TCN2-26+ | 2              | 1600-2600       | —                   | —                    | —                    | G             |
| TCN3-11+ | 3              | 600-1100        | —                   | 2-500                | 2-500                | G             |
| TCN4-13+ | 4              | 650-1250        | 3-800               | 5-400                | 5-400                | G             |
| TCN4-22+ | 4              | 1200-2200       | 200-1400            | 300-1300             | 300-1300             | J             |

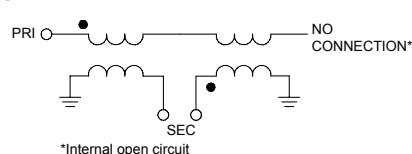
\* Insertion loss is referenced to mid-band loss

## CONFIGURATIONS

G



J



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