

TEA4214 is a wide band matching transformer operating in two impedance configurations and with the following features.

- Very wide band.
- Low insertion loss.
- Low bridging loss.

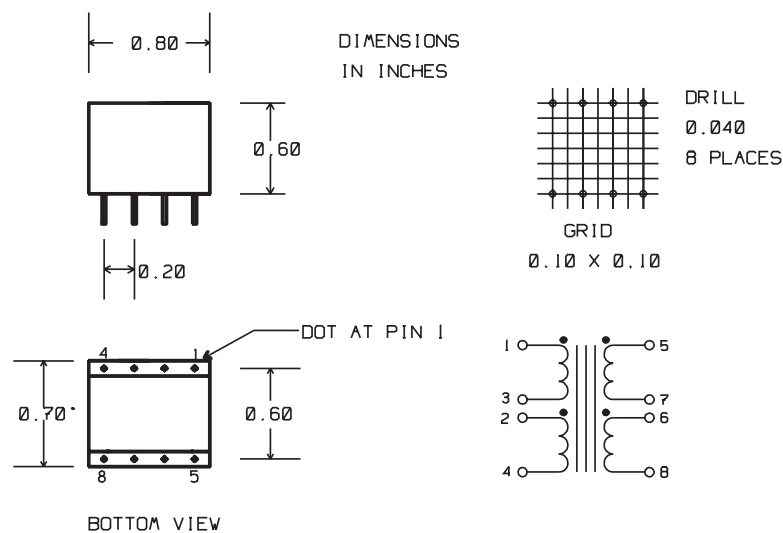
Applications:

TEA4214 is mainly used as Line Matching and Bridging Transformer.

Windings connected in parallel for lower impedances (100 to 150 Ω) and connected in series for higher impedances (600 to 900 Ω).



MECHANICAL



ELECTRICAL

- Frequency Response

Windings connected in series (600 Ω)

± 1.0 dB max

50 Hz - 200 KHz

Windings connected parallel (150 Ω)

± 0.5 dB max

100 Hz - 500 KHz

- Insertion Loss

1 dB max

@ 1000 Hz

- Wind Resistance

30 Ω nom

each winding

- Dielectric Strength

1000 V rms

- Cross-Talk

110 dB min

@ 0.1 in. distance
between two units