

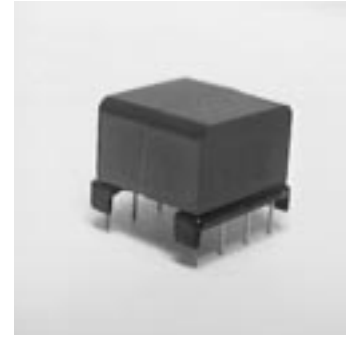
TEA4214 is a wide band matching transformer operating in two impedance configurations and with the following features.

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

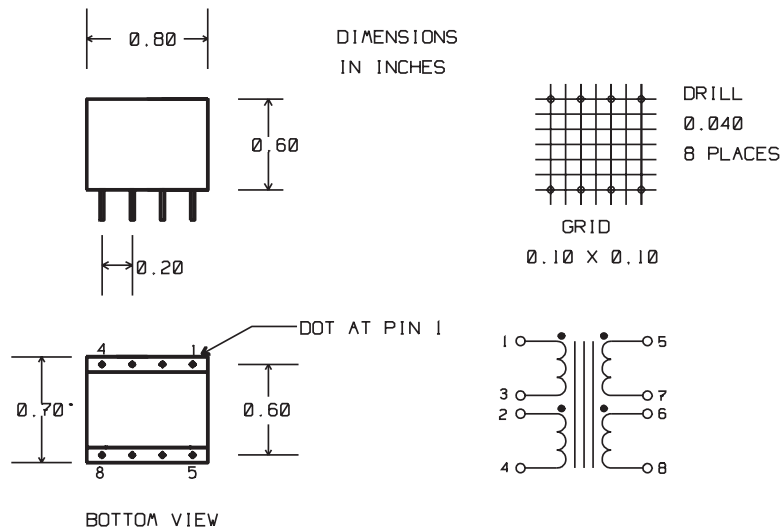
Applications:

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

TEA4214.CHP
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