

LOW PROFILE COUPLING TRANSFORMER SERIES EI

FEATURES

- Good for high speed modems
- Several sizes to choose from
- Meets FCC requirements
- Can be customized to your specifications

PHYSICAL CHARACTERISTICS

- Insulation Resistance > 100 MW @ 500 VDC
- Longitudinal Balance Meets FCC section 68.310 requirement
- Dielectric Strength 2200 VDC 1 minute between Pri to Sec and between Pri to core and Sec to core.
- Frequency Response ± 0.5 dB @ 300 to 3500 Hz
- Operating Level -45 to +7 dB
- Finish Varnish impregnated
- Marking Part number, date code
- Packaging 25 to 50 pieces per box

NOTE We can provide transformers with impedance matching from 8 to 1200 ohms
All specifications are subject to change without notice

DIMENSIONS IN MILLIMETERS

Part Number	Length A ± 1	Width B ± 1	Height C ± 1	Lead spacing D	Space between 2 sections of leads	Lead diameter
EI-19H	19.5	17.5	8.5	3.8	12.7	1.0
EI-22H	21.5	23.5	11.5	11.5	13.5	1.0
EI-41H	41.5	35.5	18.5	6.4	25.5	1.0

SPECIFICATIONS

Part Number	Primary Impedance (Ω)	Secondary impedance (Ω)	Turn Ratio	Max DC current unbalanced (mA)	Insertion Loss (dB)	Return Loss (dB)	Primary resistance $\pm 10\%$ (Ω)	Secondary Resistance $\pm 10\%$ (Ω)	Remarks
EI-19H	600	600	1:1	70	2.0	10	66	66	Insertion loss @ 1 KHz Return loss minimum @ 300 Hz
EI-22H	600	600	1:1	70	1.5	14	66	72	
EI-41H	600	600	1:1	70	0.8	18	66	72	

