

Top view

Overall transformer dimensions

H = 15mm (excluding pins)

D = 18mm

W = 18mm

Tolerance on all hole positions +/-0.5mm Pin diameter = 0.6mm

Windings separated by 3 layers No. 56 tape or equivalent

Bobbin: EF16

All material to comply with UL and EN60950

Electrical Specification:

Primary DC resistance: 109 ohms +/- 15%

Total Secondary DC resistance: 134 ohms +/- 15% Impedance matching:

600 - 800 ohms to 600 - 800 ohms C.T.

Power handling:

60Hz - 25KHz 2mW/600 ohms for <1% THD at 60Hz

Frequency response at 2mW: 60Hz - 25KHz +/- 0.5dB

Frequency response at 0.2mW: 30Hz - 25KHz +/- 0.7dB

THD at levels below saturation typically <0.02%

Return loss better than 19dB, 300Hz - 3.4KHz

Inductance, measured at 0.274V, 100Hz

Primary: 7H min.

Secondary: 1.79H min. + 1.79H min.

Hi-pot, primary to secondary: 1.5KV min.

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L	DESCRIPTION		ISSUE	DATE	DRAWN	CCN No.	CHECKED
Γ	Specification for Z1604		1	04/07/02	CS		
ı			2	16/12/02	CS		
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Γ	Scale: nts All Dimensions In r	nm Unless Stated Otherwise					

DRAWING NUMBER

Z1604

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