FILTRAN

TLA3853-2 is a 1:1 line matching transformer with the following features:

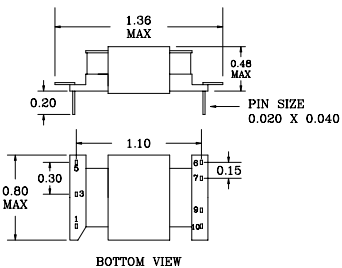
- **Low profile**
- **DC loop current capability**
- **Conforms to FCC part 68, Canadian CS 03 regulations**
- **High voltage insulation between input and output windings**

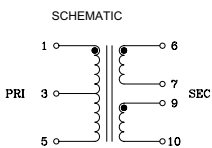


Applications:

Line matching in 600 & 900 Ω circuits with up to 100 mA loop current capability.

MECHANICAL AND SCHEMATIC (All dimensions in inches)





ELECTRICAL SPECIFICATION @ 25 ˚C

Impedance	Ohms	600:600	
Insertion Loss		1.5 Db	@ 1000 Hz
Frequency Response		<1.0 dB	300 – 5000 Hz
Longitudinal Balance		>65 dB	300 – 5000 Hz
Winding Resistance	nom.	94 Ω (1-5)	
	nom. 1	13 Ω (6-10)	
Return Loss	@ 80 mA DC	>11 dB	300 – 5000 Hz
Dielectric Strength		1500 Vrms	

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