

The 4 wire interface between Subscriber Terminals and the Network Termination has been standardized by CCITT recommendation I.430. It uses a passive bus which provides separate receive and transmit loops operating at 192 Kbits/s.

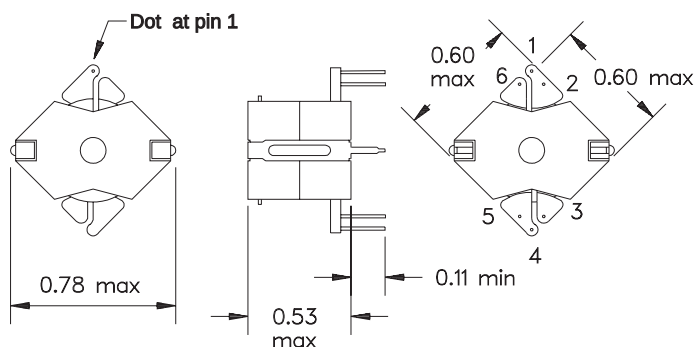
Two versions of TPW3852 have been designed and approved for use with the following devices:

TEW3852	Siemens	PEB2080
		PEB2081
		PEB2085
		PEB2086
		Am79C30A
TPW3852-4	Mitel	MT8930A, -B, -C
		MT8931B, -C

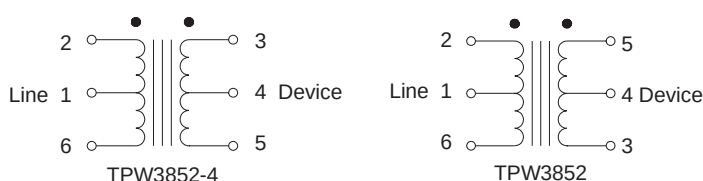
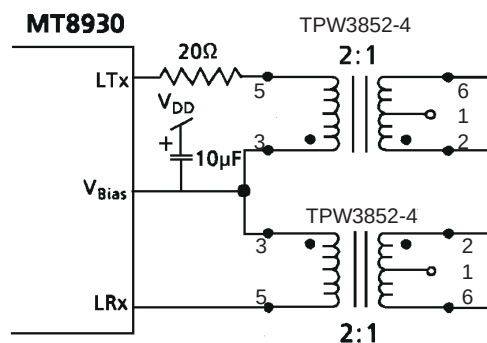
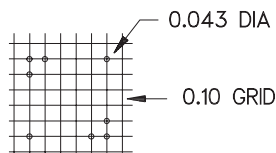
(See schematic below for correct connections.)



MECHANICAL



All dimensions are in inches



ELECTRICAL

Device

PEB2080
PEB2085
PEB2086
Am79C30A

MT8930A, -B, -C
MT8931B, -C

Turns ratio (2 - 6) : (5 - 3)

1 : 2

1 : 2

Inductance (2 - 6)

> 22 mH

> 20 mH

Leakage Ind. (2 - 6)

< 12 μ H

< 6.0 μ H

DC Resistance (2 - 6)
(3 - 5)

1.0 Ω
9.0 Ω

3.2 Ω
6.3 Ω

Output Impedance

Conforms to the impedance mask specified in I.430

Pulse Characteristics

Conforms to the pulse mask specified in I.430

Dielectric Strength, (rms)

1500 V

1500 V