

# ISDN S-Interface Low Profile SMT Dual Transformers Dual - Transmit / Receive

Meets the Pulse Waveform Template of CCITT I.430  
when recommended Transformer & Chip pair are used.

Excellent Longitudinal Balance

2000VRMS min. Isolation

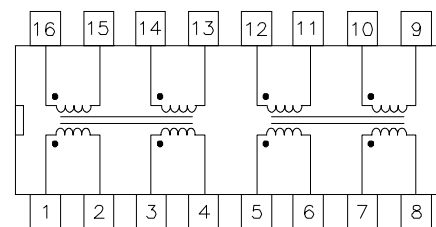
Tape and Reel Available

Electrical Specifications <sup>(1,2,3)</sup> at 25°C

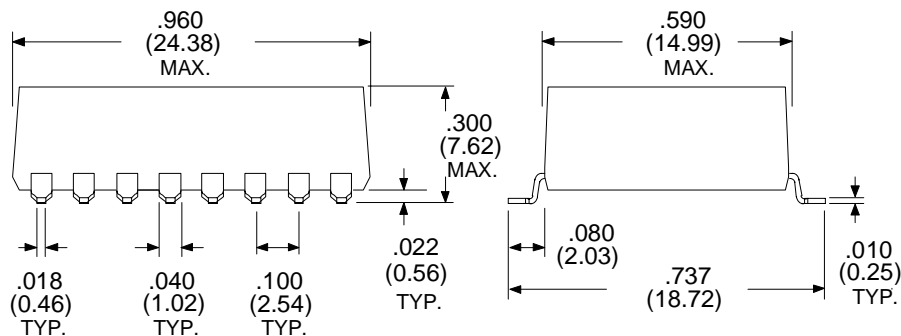
2000V <sub>RMS</sub> Isolation SMD P/N	Transmit Receive	Ratio (± 2%)	OCL Pri. min. (mH)	L <sub>L</sub> Sec. max. (μH)	Cw/w max. (pF)	CD pri max. (pF)	DCR pri ± 25% (Ω)	DCR sec ± 25% (Ω)
T-18300	T	1:2.5	22	40	100	110	2.4	5.3
	R	1:2.5	22	40	100	110	2.4	5.3
T-18301	T	1:2	22	11	100	180	2.4	4.4
	R	1:2	22	11	100	180	2.4	4.4
T-18302	T	1:2	22	5	85	80	2.4	4.2
	R	1:2	22	5	85	80	2.4	4.2
T-18303	T	1:1	22	5	100	42	2.4	2.4
	R	1:1	22	5	100	42	2.4	2.4
T-18304	T	1:1	22	4	100	42	2.4	2.4
	R	1:2	22	5	100	80	2.4	4.2
T-18305	T	1:1.8	22	15	100	160	2.4	3.8
	R	1:1.8	22	15	100	160	2.4	3.8

- 1) Primary is Line Side
- 2) Inductances measured at 10 KHz and 700 mV
- 3) Unbalanced current at TE: Δ Idc = 1 mA max.

Schematic



Dimensions in Inches (mm)



**For complete details including downloadable  
PDF catalogs and data sheets please visit  
[www.rhombus-ind.com](http://www.rhombus-ind.com)**

Specifications subject to change without notice.

For other values & Custom Designs, contact factory.

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