

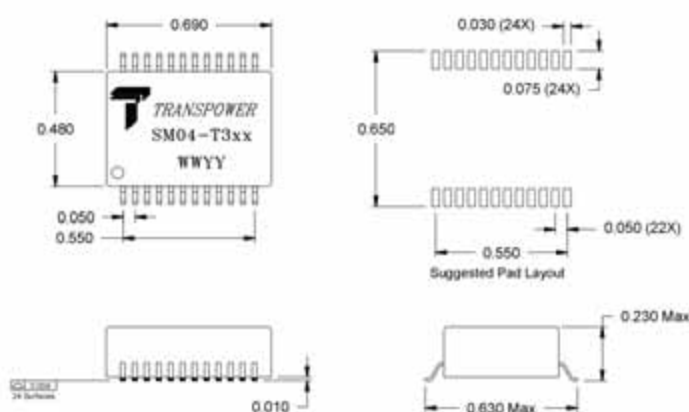
TELECOMMUNICATIONS

ISOLATION TRANSFORMERS — SURFACE-MOUNT



- Surface-mount package supports three T3/E3 channels (three each, transmit and receive transformers)
- Designed for industrial temperature applications (-40°C to +85°C)
- Models designed to support leading transceiver ICs
- Return loss meets requirements of CCITT, G.703
- 1500 Vrms isolation

SM04-T3xx:



All dimensions are ± 0.005 unless otherwise noted.
All dimensions are in inches.

SM04-T3xx Part Number Table

Part Number	Turns Ratio (Pri:Sec) $\pm 2\%$		Primary Inductance @25°C (μH Min)		Primary Inductance @-40°C (μH Min)		Leakage Inductance (μH Max)		Capacitance (pF Max)		Isolation Voltage (Vrms Min)	Primary Pins	
	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX		TX	RX
SM04-T301	1:1	1:1	100	100	55	55	0.11	0.11	10	10	1500	24-23 20-19 16-15	3-4 7-8 11-12
SM04-T302	1:2	1:1	35	100	19	55	0.11	0.11	10	10	1500	24-23 20-19 16-15	3-4 7-8 11-12
SM04-T304	1:2	1:1	100	100	55	55	0.11	0.11	10	10	1500	24-23 20-19 16-15	3-4 7-8 11-12
SM04-T305	1:1.41	1:1.41	56	56	30	30	0.11	0.11	10	10	1500	24-23 20-19 16-15	3-4 7-8 11-12

Notes:

1) All inductance and capacitance measurements are made with 0.1Vrms at 100kHz.