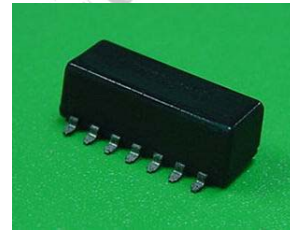


15T DUAL - SERIES

T3/DS3/E3/STS-1 TRANSFORMERS Dual SMT, Extended Temperature Range

FEATURES

- Dual SMT package contains both transmit and receive transformers
- Operating temperature of -40°C to +85°C
- Models matched to leading transceiver ICs
- Return loss meets requirements of G.703



TEST CONDITIONS

- Inductance 100KHZ/100mV
- Leakage Inductance 100KHZ/100mV
- Interwinding Capacitance 100KHZ/100mV

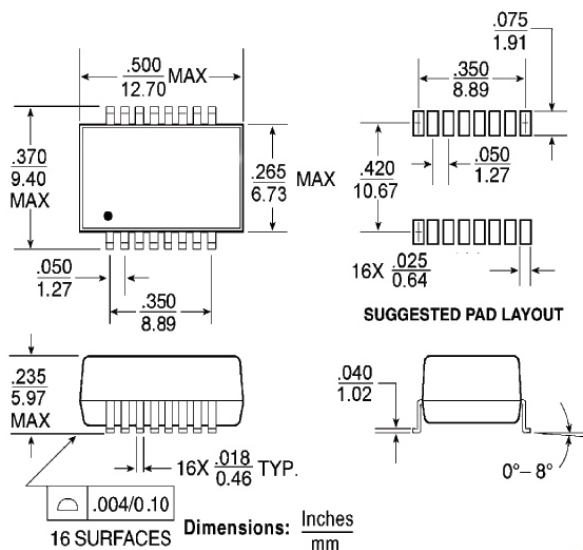
ELECTRICAL SPECIFICATIONS @25°C - Operating Temperature -40°C to +85°C

Part Number	Turns Ratio (±2%)		OCL Primary (uH) Max		LL (uH) Max		CW/W (pF) Max		Isolation Voltage (Vrms) MIN	Package/ Schematic	Primary Pins	
	TX	RX	TX	RX	TX	RX	TX	RX			TX	RX
15T-4002NNC	1:2CT	1:1	40	100	.120	.120	10	10	1500	N/N	16-14	6-8
15T-4003NPC	1:2CT	1:2 CT	40	40	.100	.100	10	10	1500	N/P	16-14	11-9
15T-4003NGC	1:1	1:1	40	40	.110	.110	10	10	1500	N/G	1-2	7-8
15T-1014NOC	1CT:1CT	1:1	100	100	.120	.120	10	10	1500	N/O	6-8	16-15
15T-1012NIC	1:2CT	1:1	100	100	.120	.120	10	10	1500	N/I	7-8	16-15

MARKINGS AND DIMENSIONS

Schematics

Dimensions: inches/mm unless otherwise specified, all tolerances are ±.010/±0.25



Unless otherwise specified, all tolerances are ± $\frac{.010}{0.25}$

