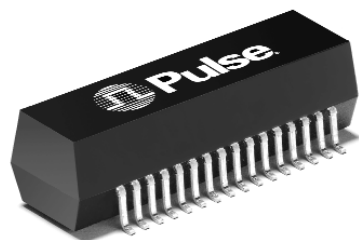







T3/DS3/E3/STS-1 TRANSFORMERS

Eight Transformers Designed for T3, DS3, E3 and STS-1 Interface



-  Eight transformers in a surface mount package
-  Models matched to leading transceiver ICs
-  Return loss meets requirements of G.703
-  Recognized by UL1950 (some parts pending approval)
-  Isolation voltage: 1500 Vrms

Electrical Specifications @ 25°C

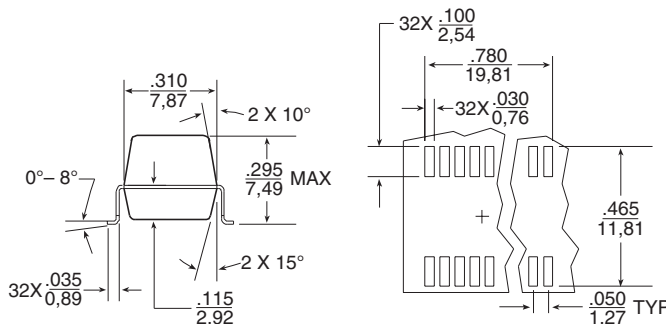
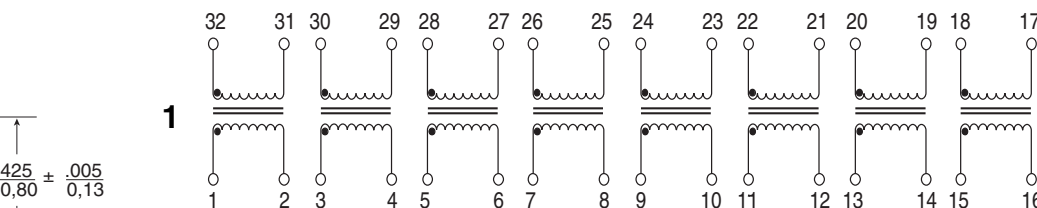
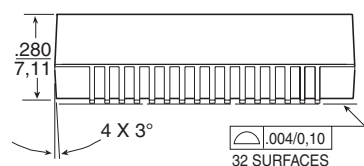
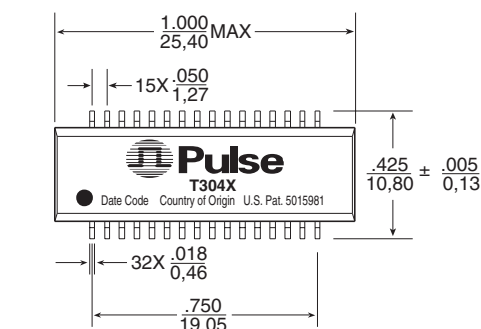
Part Number	Turns Ratio (Pri:Sec ±2%)	OCL Primary @ 25°C (μH MIN)	LL (μH MAX)	C _{ww} (pF MAX)	Isolation Voltage (Vrms MIN)	Package/Schematic	Primary Pins
T3048	1:1	40	.150	10	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
T3049	1:2	19	.150	10	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
TX3047*	1:1	100	.150	10	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
TX3045*	1:1 & 1:2	100 & 40	.120	10	1500	YB/1	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16

*NOTE: Operating Temperature Range: -40°C to +85°C

Mechanical

Schematic

YB



Weight27 grams
Tape & Reel200/reel
Tube20/tube

Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are ± .010
0.25

For More Information :

UNITED STATES (Worldwide)	UNITED KINGDOM (Northern Europe)	FRANCE (Southern Europe)	SINGAPORE (Southern Asia)	TAIWAN, R.O.C. (Northern Asia)	HONG KONG (China/Hong Kong)	DISTRIBUTOR
12220 World Trade Drive San Diego, CA 92128 U.S.A. http://www.pulseeng.com TEL: 858 674 8100 FAX: 858 674 8262	1 & 2 Huxley Road The Surrey Research Park Guildford, Surrey GU2 5RE United Kingdom TEL: 44 1483 401700 FAX: 44 1483 401701	Zone Industrielle F-39270 Orgelet France TEL: 33 3 84 35 04 04 FAX: 33 3 84 25 46 41	150 Kampong Ampat #07-01/02 KA Centre Singapore 368324 TEL: 65 6287 8998 FAX: 65 6280 0080	3F-4, No. 81, Sec. 1 HsinTai Wu Road Hsi-Chih, Taipei Hsien Taiwan, R.O.C. Tel: 886 2 2698 0228 FAX: 886 2 2698 0948	9/F, Phase 2, Tai Sang Shatin Warehouse Centre 6 Wong Chuk Yeung Street Fotan, Shatin, Hong Kong TEL: 852 2788 6588 FAX: 852 2776 1055	

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.