

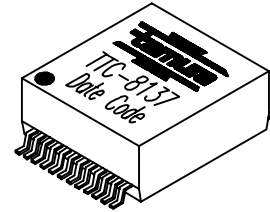
REV. Status
 PRELIMINARY
 11/02/00 BT

PRELIMINARY 1
 DELETED DCR
 ON PG. 1, &
 ADDED PAD
 LAYOUT ON
 PG. 2.
 11/27/00 LL



Gigabit Ethernet, 1000 Base-T 24 pin SOIC

- Supports 4 pairs of Category UTP5 cable
- Complies with IEEE 802.3ab Standard
- Surface Mount Device withstands IR reflow profile process
- Operating temperature: 0°C to 70°C
- Enhanced Common Mode Attenuation

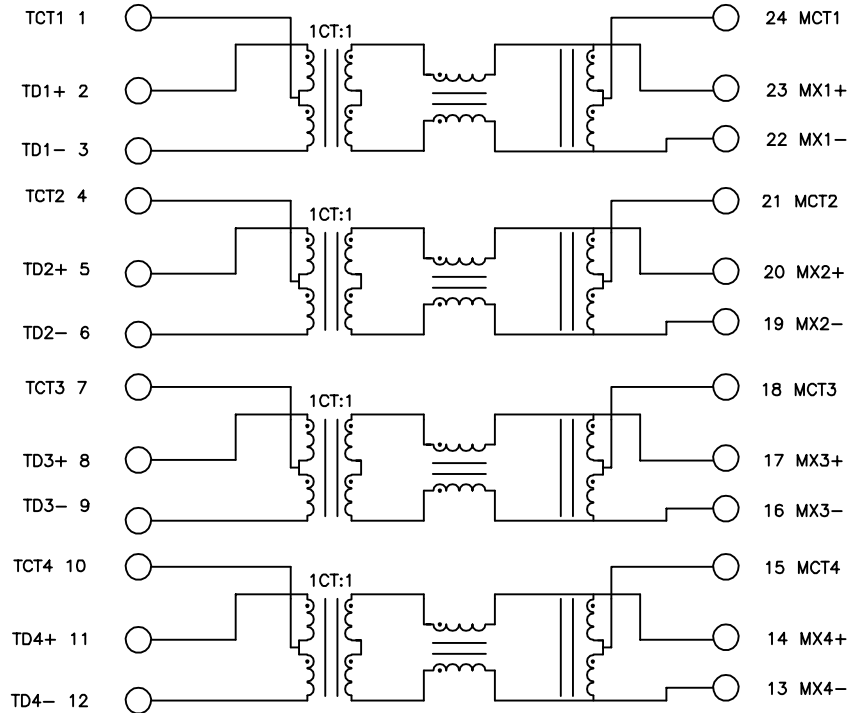


MODEL NUMBER
TTC-8137

PRELIMINARY

Electrical Specification @ 25°C

Insertion Loss (dB Max)	Return Loss (dB Min)			Differential Mode Rejection Ratio (dB Min)	Common Mode Rejection Ratio (dB Min)	Leakage Inductance (μH Max)	Crosstalk (dB Min)	OCL (μH Min)	Hipot (Vrms)
	1-100 MHz	0.1-30 MHz	60-80 MHz						
-1	-18	-12	-10	-33	-30	0.5	-35	350	1500



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
 P-A1-12640
 ACAD\TTC\A1126401.DWG

REV
PR1

GIGABIT ETHERNET, 1000 BASE-T
 24 PIN SOIC

TAMURA CORPORATION OF AMERICA
 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
 (909) 699-1270 FAX 9096769482

TTC-8137

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 2

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REV. Status

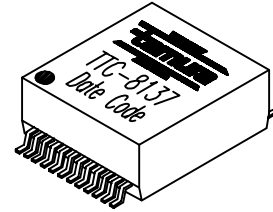
PRELIMINARY
11/06/00 BT

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11/27/00 LL

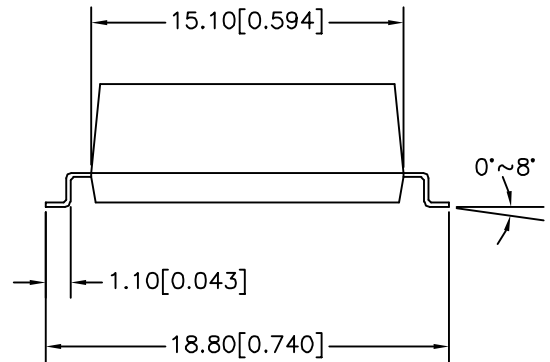
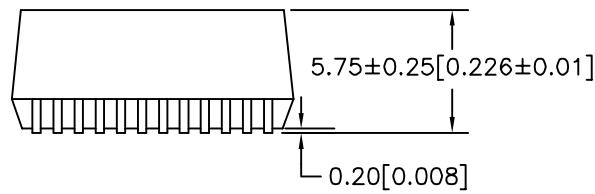
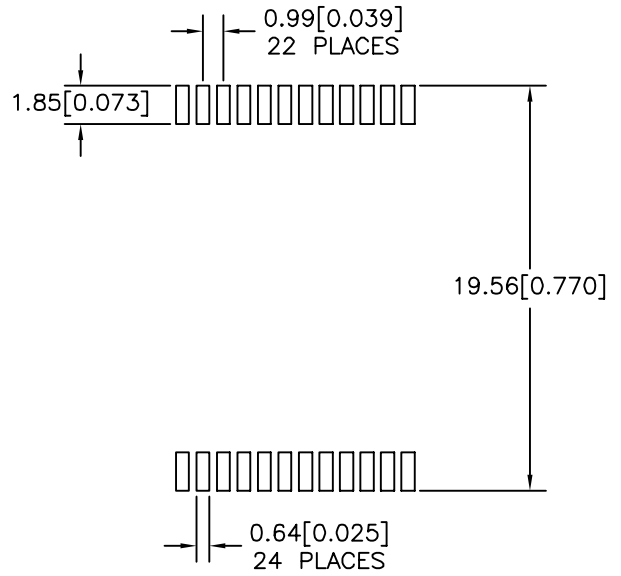
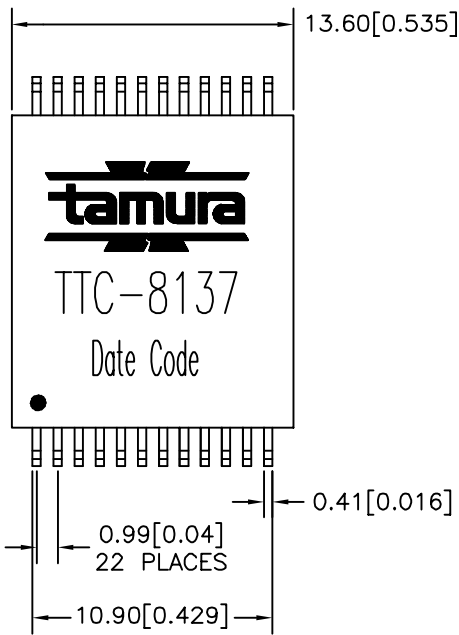


Gigabit Ethernet, 1000 Base-T 24 pin SOIC

MODEL NUMBER
TTC-8137



PRELIMINARY



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D. Rund

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QUALITY CONTROL:

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APPROVED:

J. Coleman

NOTE: Unless otherwise specified, all dimensions are mm[in] with tolerance of ± 0.25 [0.010]

DWG CONTROL NO. P-A1-12640 ACAD\TTC\A1126402.DWG	REV PR1	GIGABIT ETHERNET, 1000 BASE-T 24 PIN SOIC	TTC-8137	
CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482	MODEL SPECIFICATION	
		DIM: mm(in)	SCL: 3/1	SH: 2 OF 2

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