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REV. Status

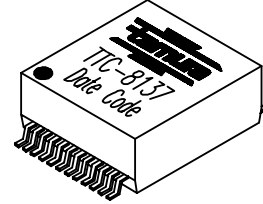
PRELIMINARY
11/02/00 BT

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

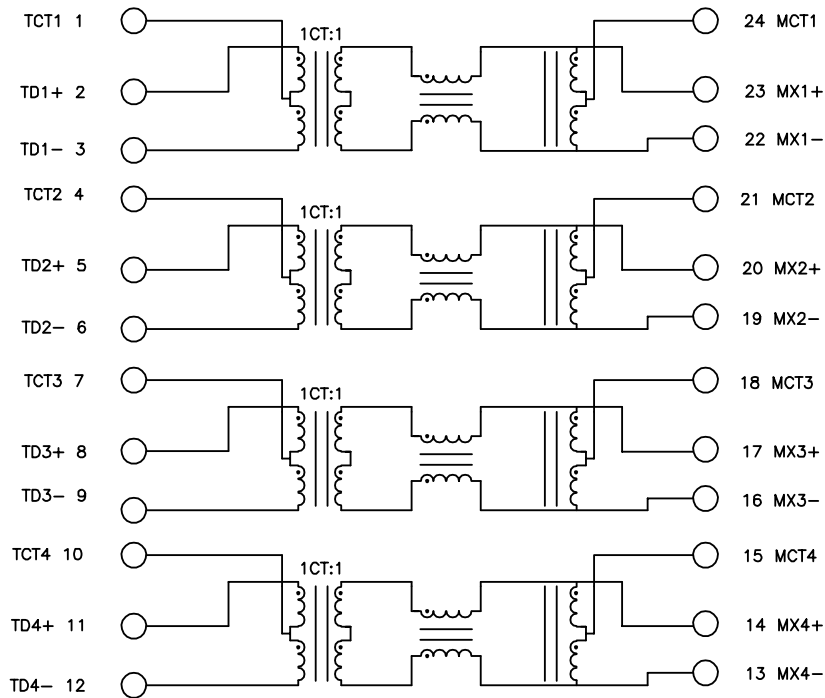


MODEL NUMBER
TTC-8137

PREPARED BY:

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)
	0.1-30 MHz	60-80 MHz	100 MHz						
1-100 MHz	0.1-30 MHz	60-80 MHz	100 MHz	30-100 MHz	30-100 MHz		1-100 MHz	8mA DC Bias	
-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

TTC-8137

MODEL SPECIFICATION

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

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

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REV. Status

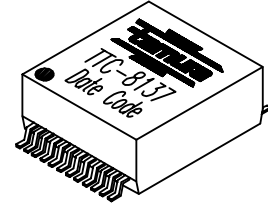
PRELIMINARY
11/06/00 BT

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

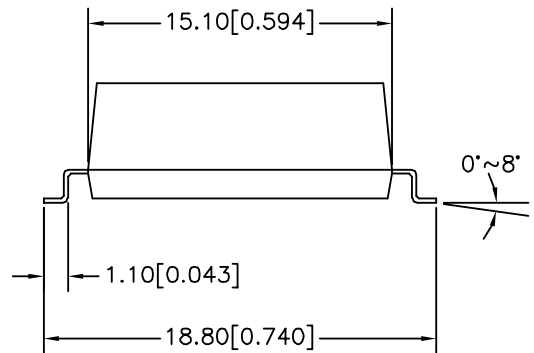
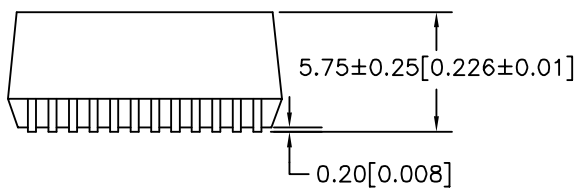
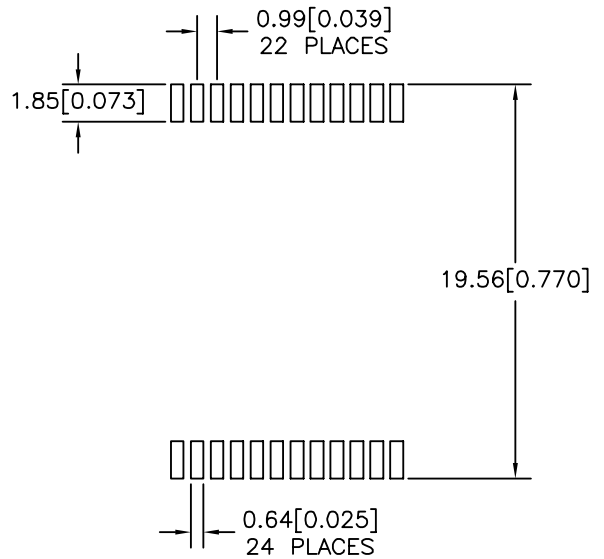
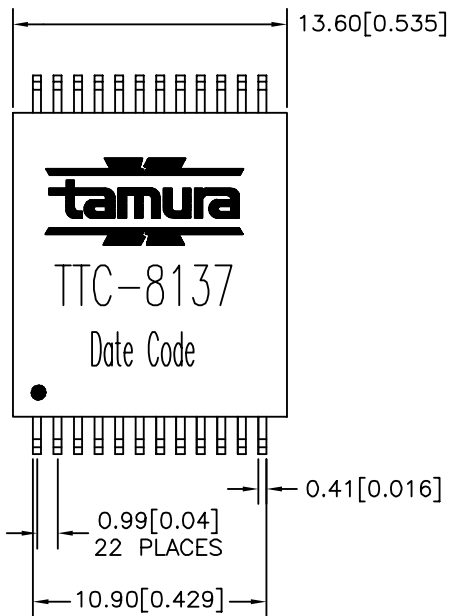


Gigabit Ethernet, 1000 Base-T
24 pin SOIC

MODEL NUMBER
TTC-8137



PRELIMINARY



PREPARED BY:

D. Rund

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

ENGINEER:

L. Le

DWG CONTROL NO.
P-A1-12640
ACAD\TTC\A1126402.DWG

REV
PR1

GIGABIT ETHERNET, 1000 BASE-T
24 PIN SOIC

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QUALITY CONTROL:

D. Kelley

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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

APPROVED:

J. Coleman

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