

REV. Status

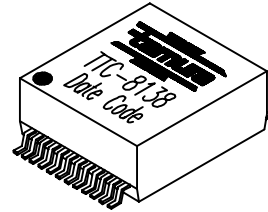
PRELIMINARY
11/06/00 BT

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

- 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

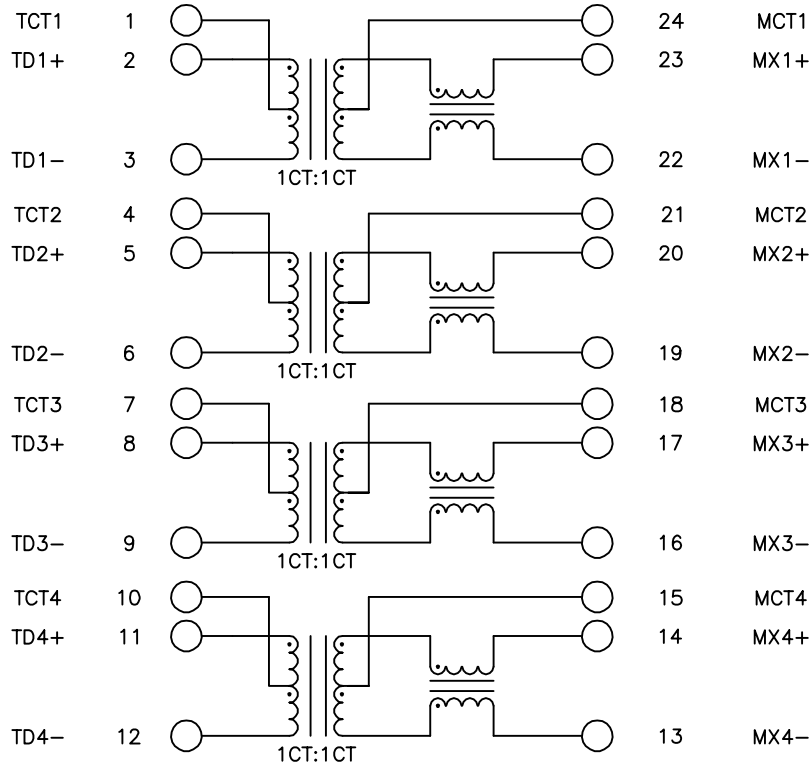


MODEL NUMBER
TTC-8138

PRELIMINARY
 DRAWING
 NOT FOR
 CONSTRUCTION

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-A1-12655
ACAD\TTC\A1126551.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-8138

MODEL SPECIFICATION

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

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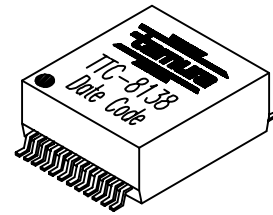
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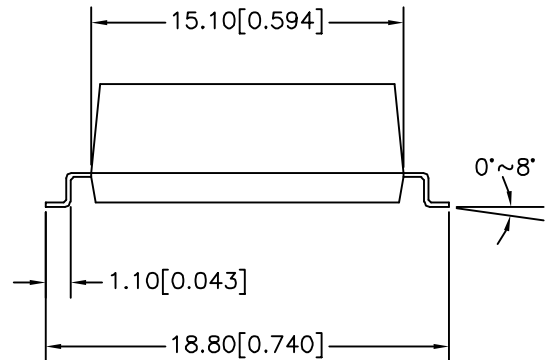
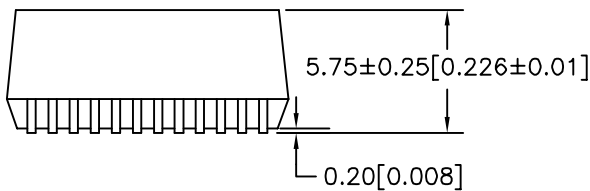
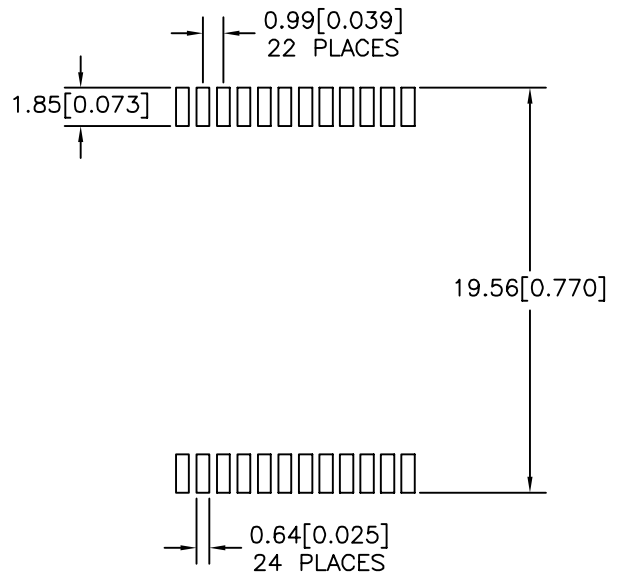
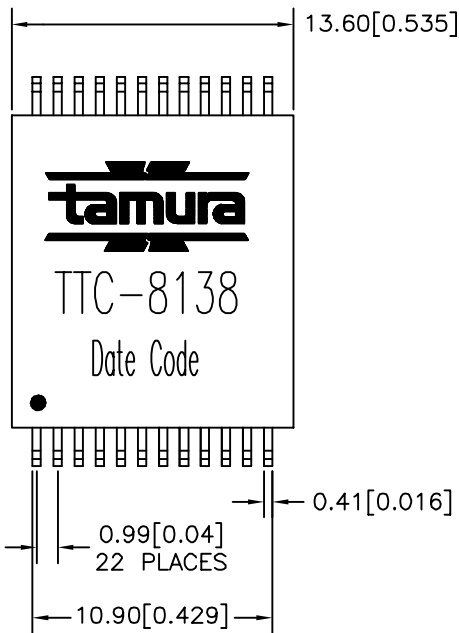


Gigabit Ethernet, 1000 Base-T 24 pin SOIC

MODEL NUMBER
TTC-8138



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D. Rund

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QUALITY CONTROL:

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

DWG CONTROL NO. P-A1-12655 ACAD\TTC\A1126552.DWG	REV PR1	GIGABIT ETHERNET, 1000 BASE-T 24 PIN SOIC	TTC-8138	
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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