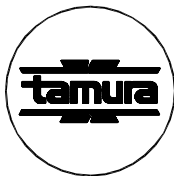
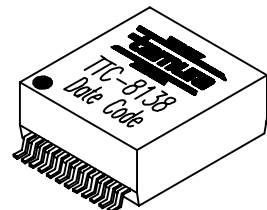


REV. Status

PRELIMINARY
11/06/00 BTPRELIMINARY 1
DELETED DCR
ON PG. 1, &
ADDED PAD
LAYOUT ON
PG. 2.
11/27/00 LLGigabit 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

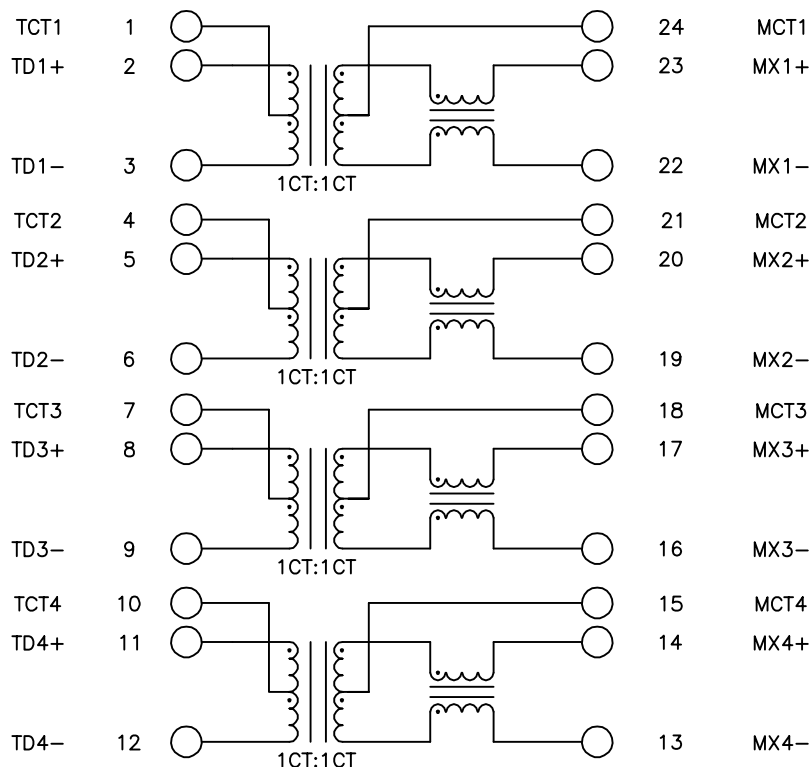


MODEL NUMBER

TTC-8138

Electrical Specification @ 25°C

Insertion Loss	Return Loss			Differential Mode Rejection Ratio	Common Mode Rejection Ratio	Leakage Inductance	Crosstalk	OCL	Hipot
(dB Max)	(dB Min)			(dB Min)	(dB Min)	(μ H Max)	(dB Min)	(μ H Min)	(Vrms)
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-A1-12655
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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REV. Status

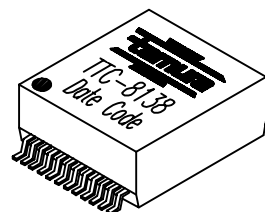
PRELIMINARY
11/06/00 BT

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

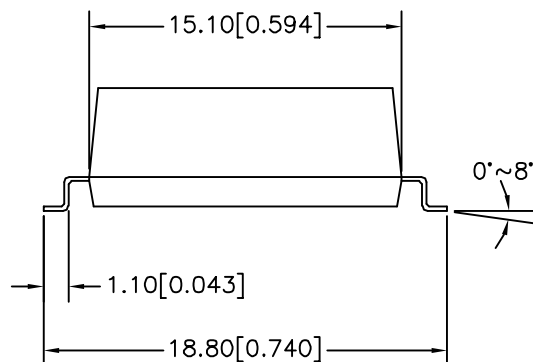
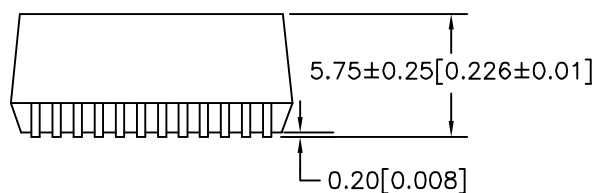
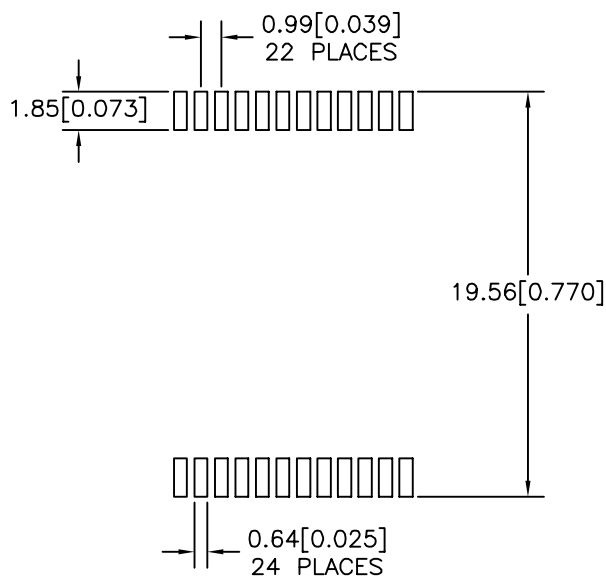
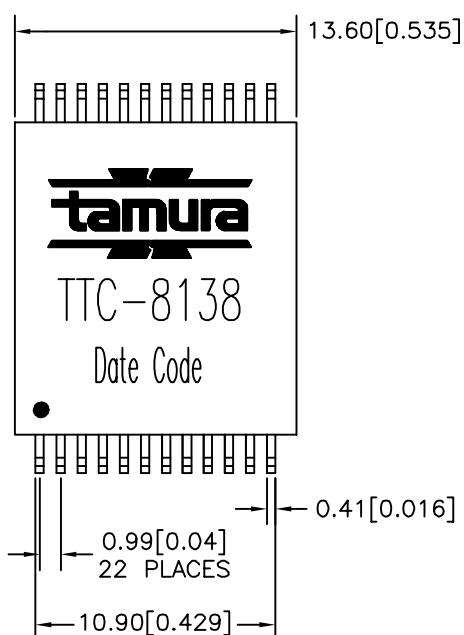


Gigabit Ethernet, 1000 Base-T 24 pin SOIC

MODEL NUMBER
TTC-8138



PRELIMINARY



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

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

DWG CONTROL NO.
P-A1-12655
ACAD\TTC\A1126552.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: 3/1 SH: 2 OF 2

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