



RJ45 Integrated Connector

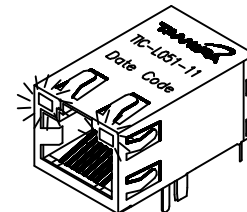
10 Base-T, Single Port, Through Hole, LEDs, Tap-up

MODEL NUMBER

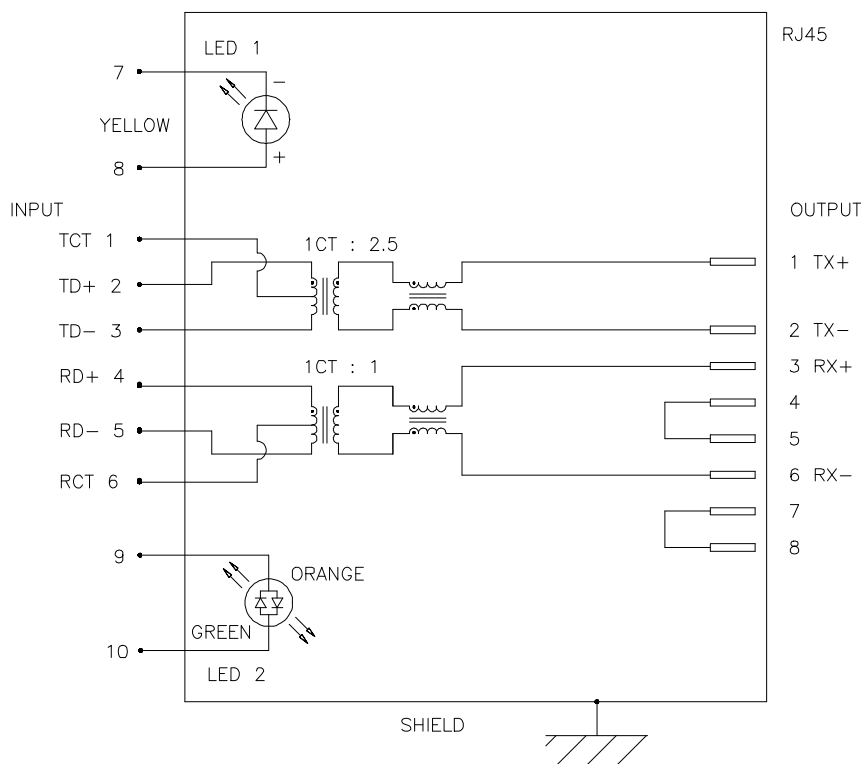
TIC-L051-11

- Meets IEEE 802.3 and ANSI X3.263
- Operating temperature: -40°C to +85°C
- Storage Temperature: -40°C to +85°C

Package Information			
Weight		Quantity	
weight/pcs (g)	weight/carton (kg)	quantity/tray (pcs)	quantity/carton (pcs)
7.2	3.4	50	250



Electrical Specification @ 25°C							
Insertion Loss (dB Max)	Return Loss (dB Min)	CMRR (dB Min)	Crosstalk (dB Min)	OCL (μH Min)		Hipot (Vrms)	Impedance (Ω)
1-10 MHz	1-10 MHz	1-100 MHz	1-10 MHz	100KHz 0.1Vrms		1 minute	
				(2-3)	(4-5)		
-1	-18	-30	-40	45	230	1500	100



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-13066
ACAD\TTC\A1130661.DWG

REV
PRE

RJ45
INTEGRATED CONNECTOR
TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

TIC-L051-11

MODEL SPECIFICATION

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

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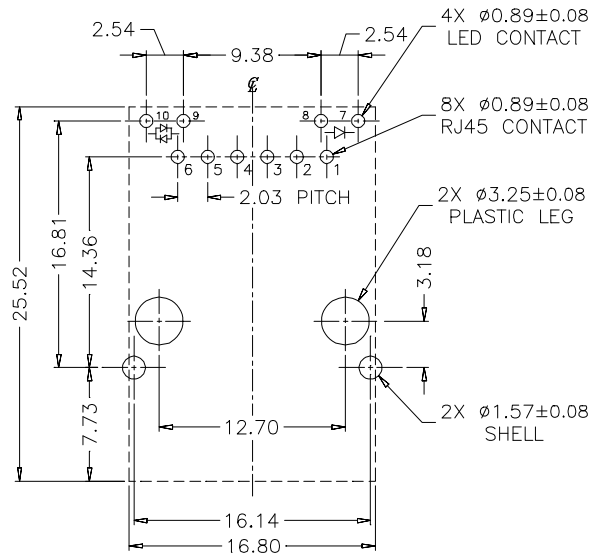
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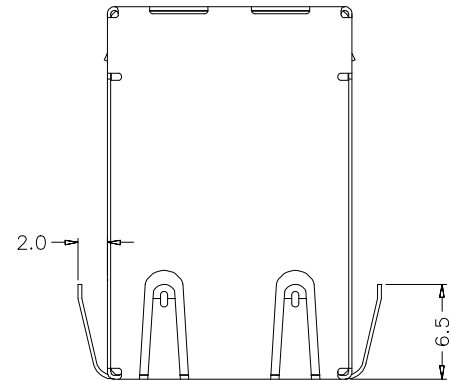
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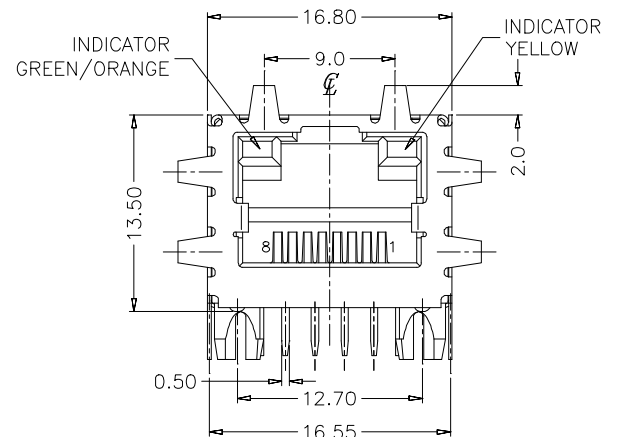
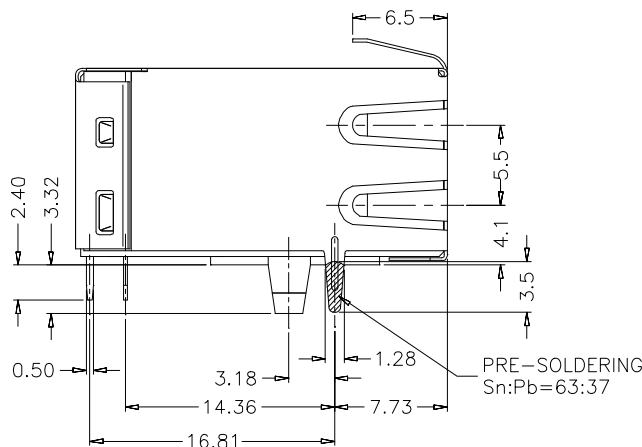
Mechanical Material Specification									
Contact							Plastic Part		Shell
RJ Contact				RJ and LED Joint Contact			RJ Housing	Set Housing & Spacer Insert	Back
Contact Material	Contact Area	Solder Tail Area	Under-plating	Contact Material	Finish	Under-plating			
Phosphor Bronze	Gold	Tin/Lead (9:1)	Nickel	Brass	Tin/Lead (9:1)	Nickel	Thermoplastic, PC, Transparent	Thermoplastic PA6T, Black	Stainless SUS 304-1/2H
0.30 mm thick	30 μ " Min.	100 μ " Min.	50 μ " Min.	0.30mm thick	100 μ " Min.	50 μ " Min.	UL 94V-0	UL 94V-0	0.20 mm thick



RECOMMENDED PCB LAYOUT
COMPONENT SIDE
PCB THICKNESS : 1.60mm
ALL DIMENSION TOLERANCE ARE ± 0.05
UNLESS OTHERWISE SPECIFIED



GENERAL TOLERANCE

.XX ± 0.13 .X ± 0.25 

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