



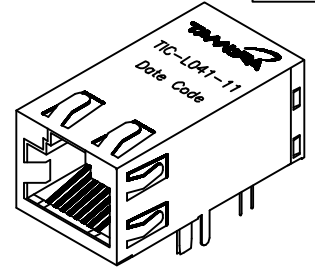
# RJ45 Integrated Connector

Gigabit, Single Port, Through Hole, Tap-up

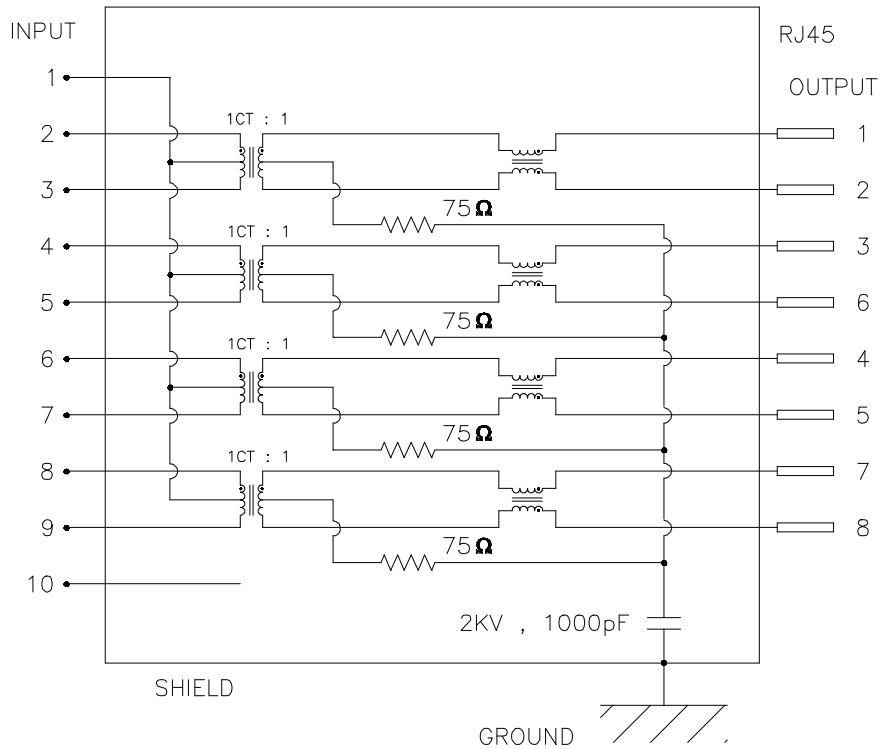
MODEL NUMBER  
**TIC-L041-11**

- Meets IEEE 802.3 and ANSI X3.263
- Operating temperature: 0°C to +70°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)	OCV ( $\mu$ H Min)	Hipot (Vrms)	Impedance ( $\Omega$ )
1-100 MHz	1-30 MHz	60 MHz	80 MHz	1-100 MHz	1-100 MHz	8mA Dc Bias	1 minute	
-1	-18	-16	-12	-30	-35	350	1500	100



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

APPROVED:

J. Coleman

DWG CONTROL NO.  
P-A1-13060  
ACAD\TTC\A1130601.DWG

REV  
PRE

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

**TIC-L041-11**  
MODEL SPECIFICATION  
DIM: mm(In) SCL: NONE SH: 1 OF 2

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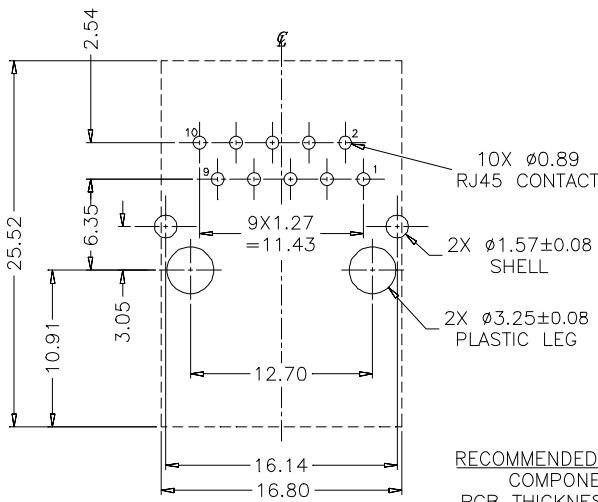


# RJ45 Integrated Connector

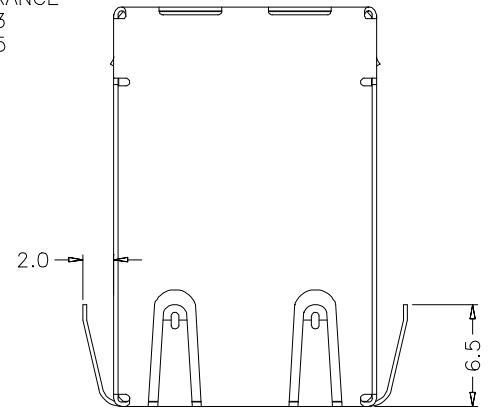
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MODEL NUMBER  
**TIC-L041-11**

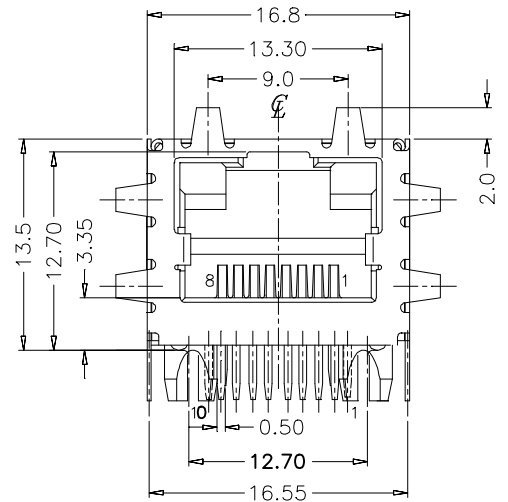
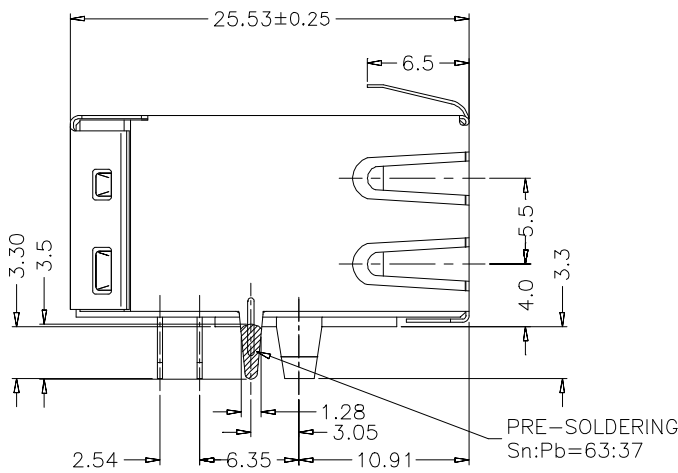
Mechanical Material Specification									
Contact							Plastic Part		Shell
RJ Contact				RJ Joint Contact			RJ Housing	Set Housing & Spacer Insert	Back
Contact Material	Contact Area	Solder Tail Area	Under-plating	Contact Material	Finish	Under-plating			
Phosphor Bronze	Gold	Tin/Lead (9:1)	Nickel	Brass	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.	0.35mm thick	100 μ" Min.	50 μ" Min.	UL 94V-0	UL 94V-0	0.20 mm thick



GENERAL TOLERANCE  
 .XX  $\pm 0.13$   
 .X  $\pm 0.25$



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



PREPARED BY:

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ENGINEER:

L. Le

QUALITY CONTROL:

APPROVED:

J. Coleman

DWG CONTROL NO.  
 P-A1-13060  
 ACAD\TTC\A1130602.DWG

REV  
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RJ45  
 INTEGRATED CONNECTOR

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**TIC-L041-11**

MODEL SPECIFICATION

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

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