

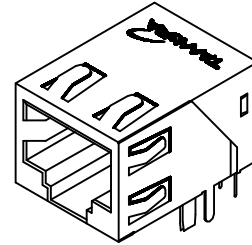


# RJ45 Integrated Connector

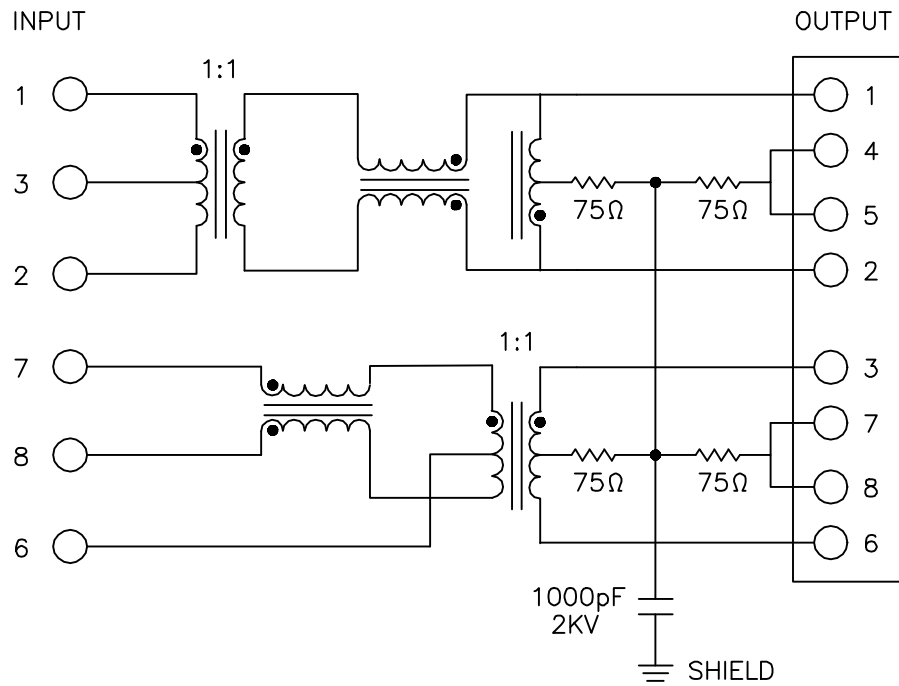
10/100 Base-TX, Single Port, Through Hole

MODEL NUMBER  
**TIC-L003-11**

- Meets IEEE 802.3 and ANSI X3.263
- Operating temperature: 0°C to +85°C
- Storage Temperature: 0°C to +85°C



Electrical Specification @ 25°C								
Insertion Loss (dB Max)	Return Loss (dB Min)			CMRR (dB Min)	Crosstalk (dB Min)	OCL ( $\mu$ H Min)	Hipot (Vrms)	Impedance ( $\Omega$ )
	1-30 MHz	60 MHz	80 MHz					
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	-30	350	1500	100



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
P-A1-12915  
ACAD\TTC\A1129151.DWG

REV  
**PRE**

RJ45  
INTEGRATED CONNECTOR

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

**TIC-L003-11**  
MODEL SPECIFICATION

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

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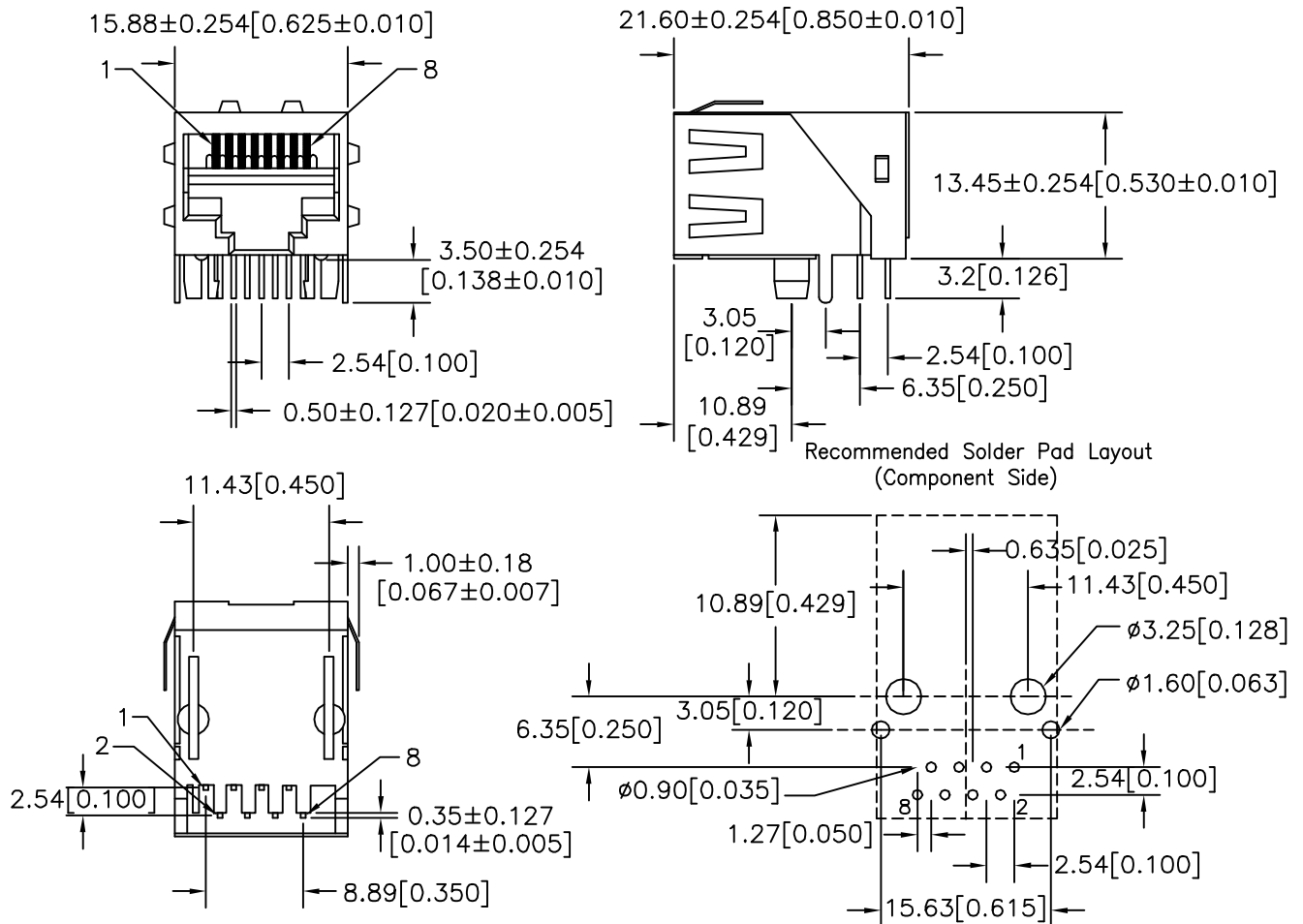
10/100 Base-TX, Single Port, Through Hole

MODEL NUMBER

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## Mechanical Material Specification

Contact Material	Contact						Housing and Insert	Shell	
	Contact Finish							Front	Back
	Upper Contact			Lower Contact					
	Contact Area	Solder Tail	Under-plating	Contact Area	Solder Tail Area	Under-plating			
Phosphor Bronze	Gold	Tin/Lead (9:1)	Nickel	Gold	Tin/Lead (9:1)	Nickel	Thermal-plastic Nylon 6T	Stainless SUS 304	Stainless SUS 304
0.35mm thick	30μ" MIN	100μ" MIN	50μ" MIN	100μ" MIN	100μ" MIN	50μ" MIN	Black UL 94V-0	0.25mm thick	0.20mm thick



NOTE: Dimensions without tolerances are typical.

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TIC-L003-11

MODEL SPECIFICATION

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

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