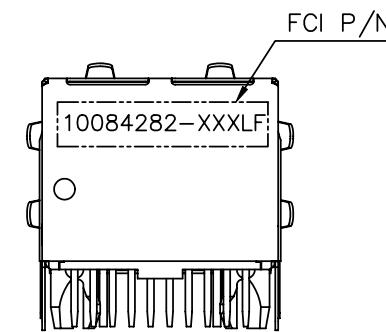
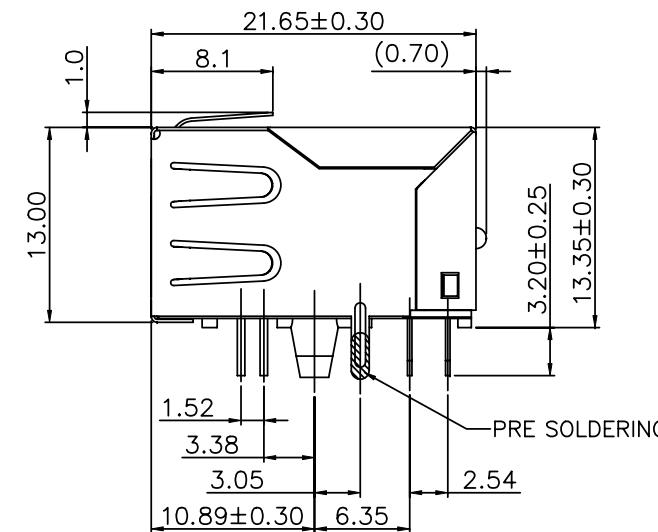
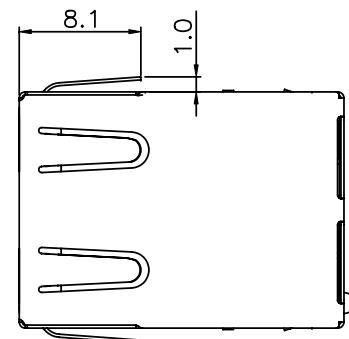
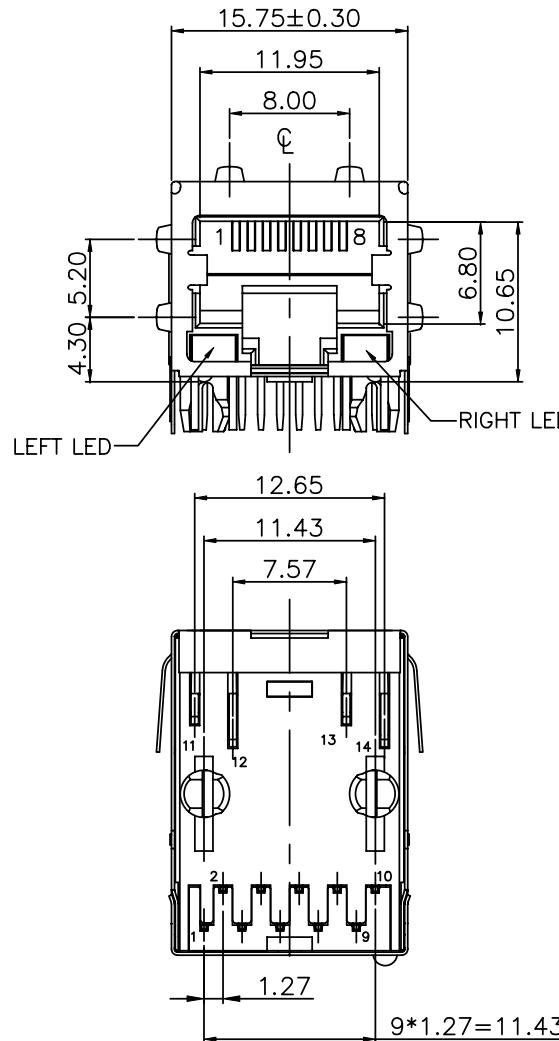


PART NO.
10084282-XXXLF



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear				
A	T07-1167	WL	11/23/07	.X	± 0.30		projection	title RJ45 1x1 W/LED/SPRING
				.XX	± 0.20			TAB DOWN, TRANSFORMER 10/100/1000
				.XXX	± 0.10			
				angles				0° ±2°
				dr	WENDY CHEN	11/20/07	MM	product family JACK SERIES
				engr	WENDY CHEN	11/20/07		code TWIN
				chr	WENDY CHEN	11/20/07	scale	size dwg no
				appd	ALEX LIANG	11/20/07		A4 10084282
sheet index		revision sheet	A A A					sheet 1 of 3
			1 2 3					

NOTES:

1. MATERIALS :
 - SHELL : STAINLESS STEEL, T=0.20mm
 - HOUSING: HIGH THERMOPLASTIC, UL 94V-0
 - RJ CONTACT : COPPER ALLOY, T=0.25mm
 - MODULE: HIGH THERMOPLASTIC UL94-V0.
 - INPUT PIN: COPPER ALLOY
2. FINISH :
 - RJ CONTACT : SELECTED GOLD PLATING ON CONTACT AREA
 - INPUT PIN: TIN COATED COPPER ALLOY
 - SHELL : PRE-SOLDERING ON SHELL GROUNDING LEG

3. MECHANICAL CHARACTERISTICS :

INSERTION FORCE : 22N MAX.

REMOVAL FORCE(WITHOUT PLUG LOCK) : 22N MAX.

DURABILITY : 1000 TIMES

4. OPERATING TEMPERATURE : 0°C ~ 70°C

5. PRODUCT PERFORMANCE PER SPEC. : GS-12-517.

6. PACKING SPEC. : GS-14-1241.

7. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVE AS DESCRIBED IN GS-22-008.

8. THE HOUSING WILL WITHSTAND EXPOSURE TO 265°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

9. PART NUMBER DESCRIPTION:

10084282-X X X LF

LED COLOR CODE:

0: RIGHT LED COLOR: YELLOW
LEFT LED COLOR: GREEN

TRANSFORMER SPEED :

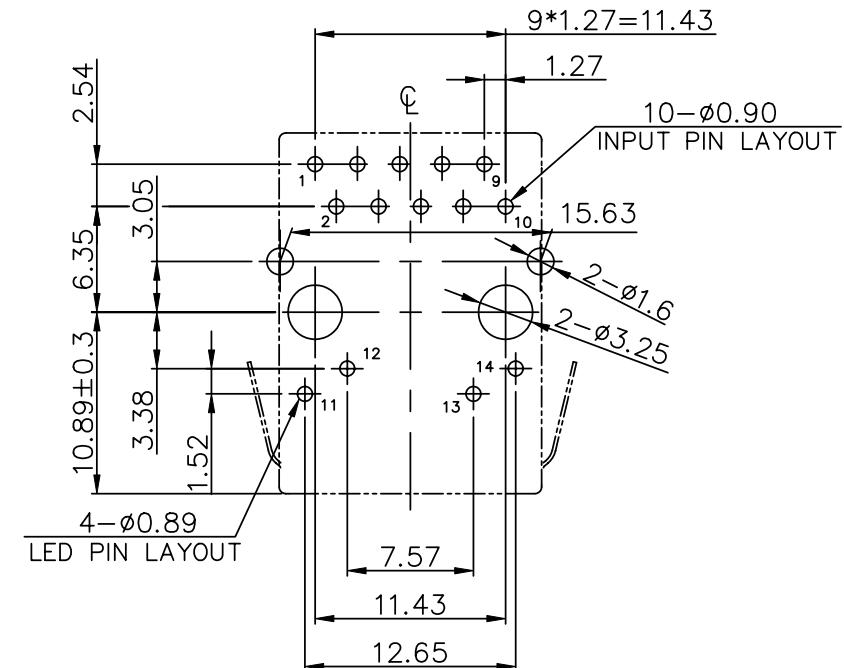
0: 10/100/1000 BASE-T

LED POLARITY: NORMAL

WITHOUT RESISTOR

RJ CONTACT AREA PLATING:

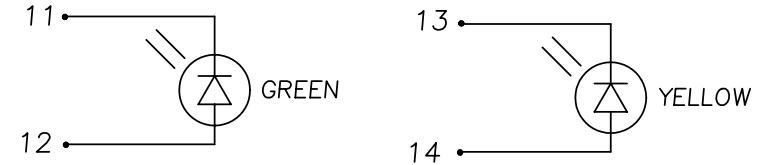
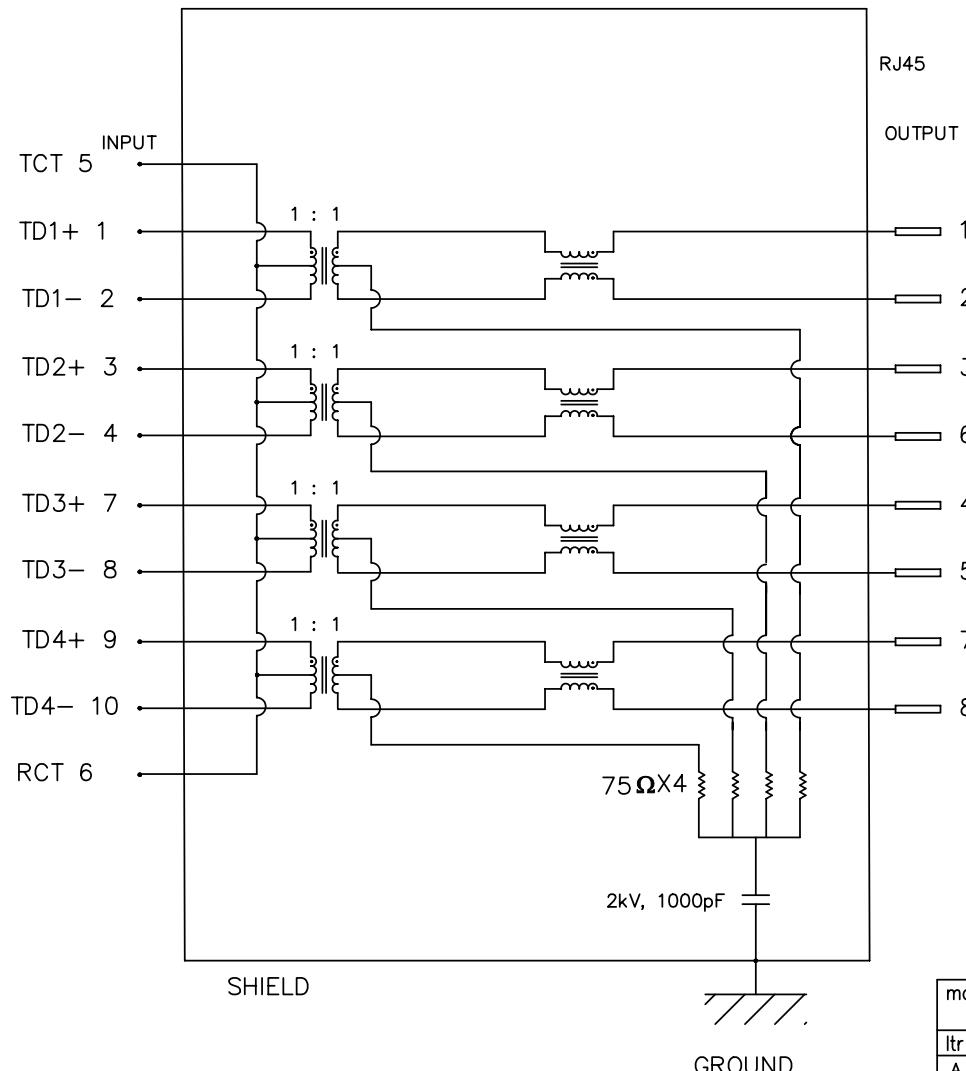
1 : 15u" GOLD



RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
ALL DIMENSION TOLERANCE ARE ± 0.05 mm

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.30	.XX ± 0.20	.XXX ± 0.10		
A				angles	0° ±2°				
				dr	WENDY CHEN	11/20/07			
				engr	WENDY CHEN	11/20/07			
				chr	WENDY CHEN	11/20/07			
				appd	ALEX LIANG	11/20/07			
sheet index		revision sheet		MM	product family JACK SERIES				code TWIN
				scale	size dwg no				sheet 2 of
					A4 10084282				

ELECTRIC SCHEME



Transmitter & Receiver Filter:

1. Insertion Loss (dB MAX)
1~125MHz -1.2
2. Return Loss at 100Ω(dB MIN)
1~30MHz -18
30~60MHz -16
60~80MHz -12
80~100MHz -10
3. Common Mode Rejection@ 1~100 MHz: -30dB MIN
4. Cross Talk@1~100 MHz: -25dB MIN
5. Inductance@100KHz/ 0.1V, 8mA DC BIAS: 350uH MIN
6. HiPot Test: 1500Vrms(or 2250VDC), 60sec
7. LED: Forward Voltage (V)@ 20mA
Typical :2.2 / MAX :2.6

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI	www.fciconnect.com	
ltr	ecn no	dr	date	linear	angles				
A				.X ± 0.30		projection	title RJ45 1x1 W/LED/SPRING		
				.XX ± 0.20			TAB DOWN,TRANSFORMER 10/100/1000		
				.XXX ± 0.10					
				0° ±2°		MM	product family JACK SERIES	code	
							size dwg no	TWN	
						scale	A4 10084282	sheet	
								3 of	
sheet index	revision sheet								