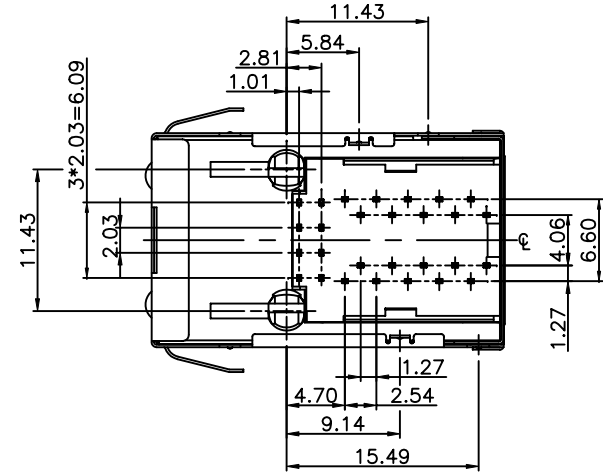
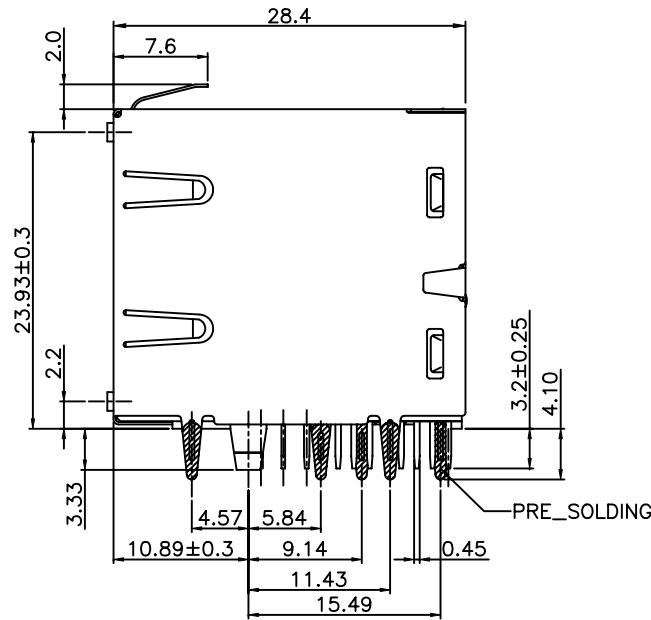
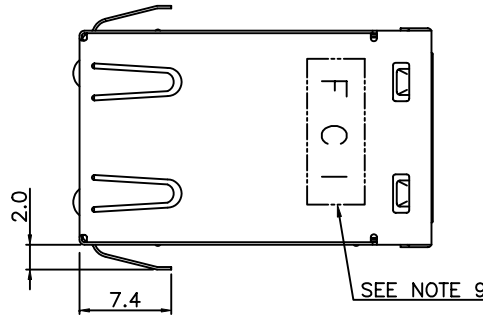
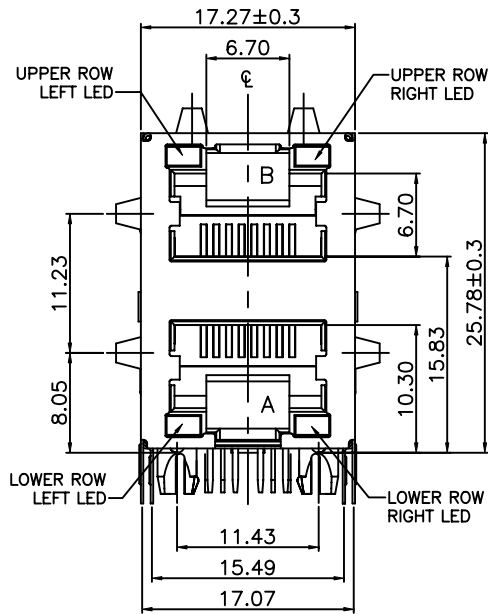
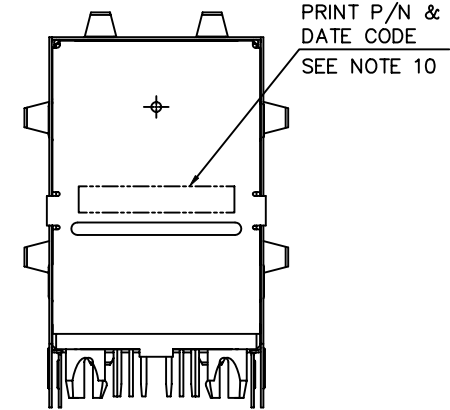



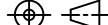



PART NO.
10084433-XXXLF



BOTTOM VIEW



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com				
ltr	ecn no	dr	date	linear	.X ± 0.30			projection 	title RJ45 2x1 W/LED/SPRING TRANSFORMER 10/100/1000				
A	T07-1176	WL	11/29/07		.XX ± 0.20								
B	T08-1052	WL	04/30/08		.XXX ± 0.10								
C	T09-1127	WL	09/29/09	angles	0° ±2°			 scale	product family JACK SERIES		code		
				dr	WENDY CHEN	11/28/07	size		dwg no	TWN			
				enrg	WENDY CHEN	11/28/07							
				chr	WENDY CHEN	11/28/07							
				appd	ALEX LIANG	11/28/07	A4	10084433	sheet 1 of 3				
sheet	revision	C	C	C									
index	sheet	1	2	3									

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Property of FCI. Copyright FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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 UL94V-0
INPUT PIN: COPPER ALLOY
- 2. FINISH :
RJ CONTACT : 50u" MIN. NICKEL UNDER PLATED OVER ALL.
100u" MIN. MATTE TIN ON SOLDERING AREA.
SELECTIVE GOLD PLATED 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-12-523.
- 6. PACKING SPEC. : GS-14-1244.
- 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. "FCI" LOGO IS STAMPED ON THIS AREA.
- 10. "DATE CODE" DESCRIPTION:

XX XX
WEEK
YEAR (EX.: 08--2008)

11. PART NUMBER DESCRIPTION:

10084433-X X X LF

LED COLOR CODE:

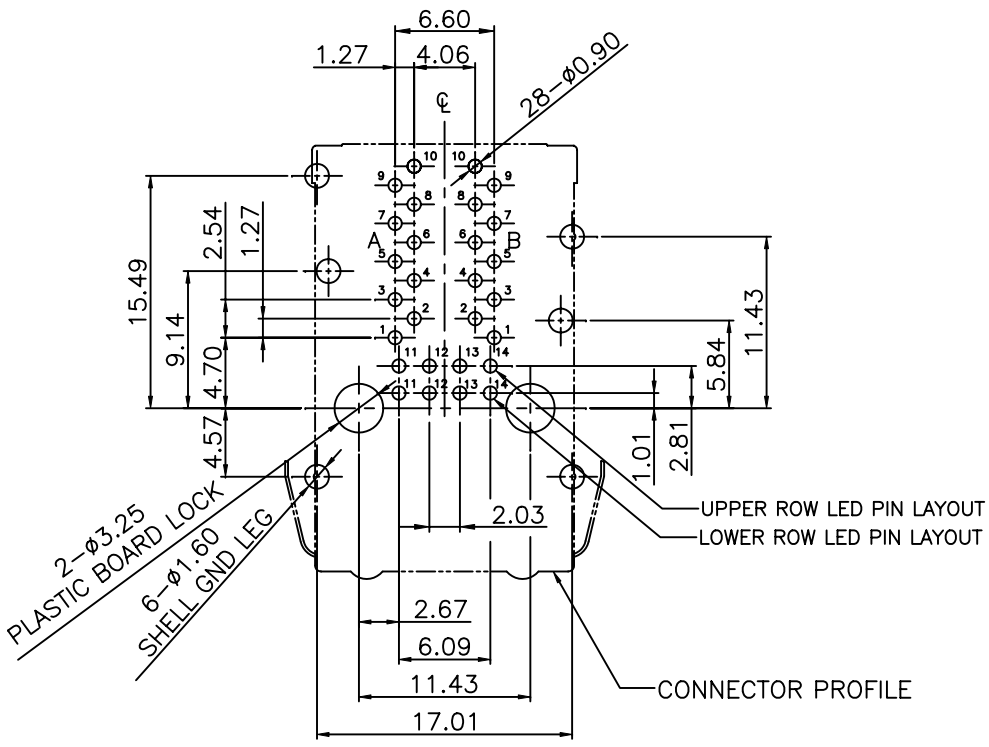
- 0: RIGHT LED COLOR: GREEN/ORANGE
LEFT LED COLOR: GREEN
- 2: RIGHT LED COLOR: YELLOW
LEFT LED COLOR: GREEN/ORANGE

TRANSFORMER SPEED :

- 0: 10/100/1000 BASE-T
LED POLARITY: NORMAL
WITHOUT RESISTOR

RJ CONTACT AREA PLATING:

1 : 15u" GOLD

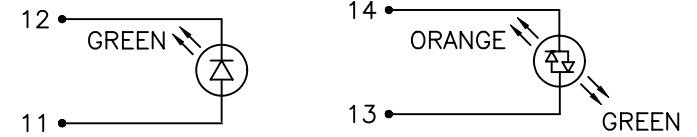
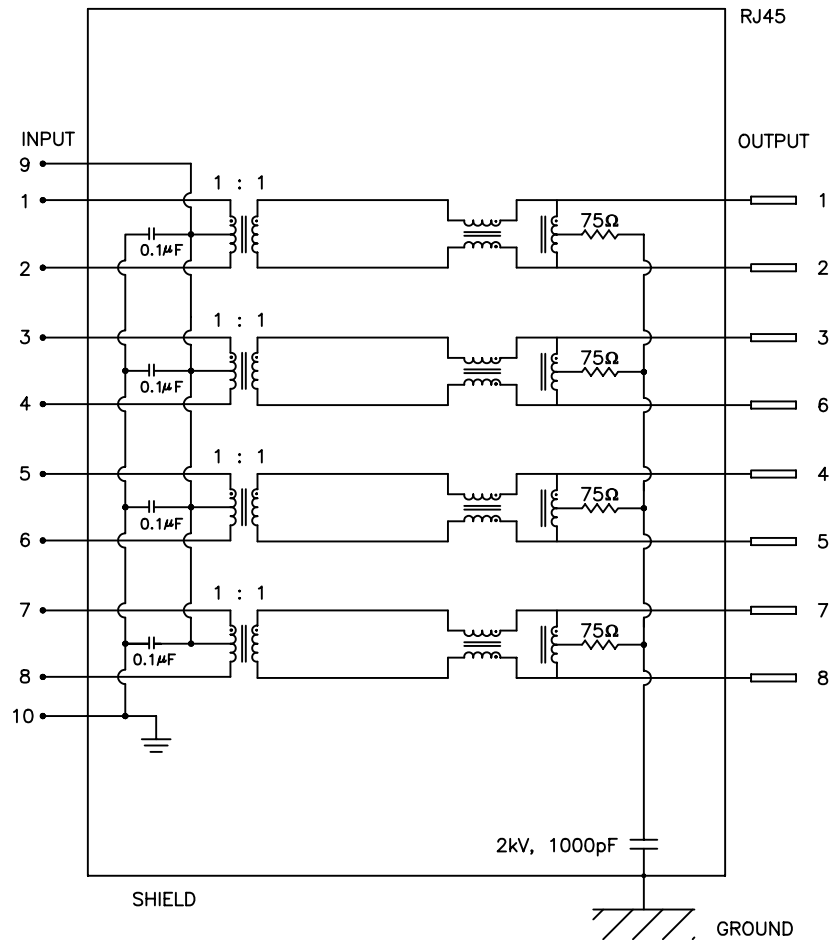


RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
ALL DIMENSION TOLERANCE ARE ±0.05mm

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	title	www.fciconnect.com	
C					.XX ± 0.20			RJ45 2x1 W/LED/SPRING	
					.XXX ± 0.10			TRANSFORMER 10/100/1000	
				angles	0° ± 2°	MM	product family	JACK SERIES	code
				dr	WENDY CHEN 11/28/07			size	TWN
				enr	WENDY CHEN 11/28/07			dwg no	sheet
				chr	WENDY CHEN 11/28/07	scale	A4	10084433	2 of
				appd	ALEX LIANG 11/28/07				
sheet index	revision sheet								



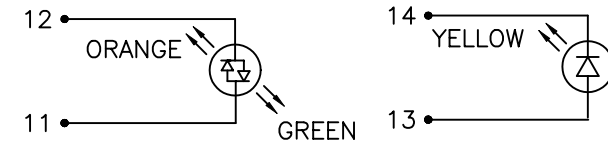
ELECTRIC SCHEME



LEFT LED

RIGHT LED

FOR X00LF



LEFT LED

RIGHT LED

FOR X02LF

Transmitter & Receiver Filter:

1. Insertion Loss (dB MAX)
1~125MHz -1.2
2. Return Loss at 100W(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	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	MM	title	www.fciconnect.com
C					.XX ± 0.20				
					.XXX ± 0.10				
				angles	0° ±2°	scale	A4	product family JACK SERIES	code TWN
				dr	WENDY CHEN 11/28/07				
				enrg	WENDY CHEN 11/28/07				
				chr	WENDY CHEN 11/28/07	size	dwg no	10084433	sheet 3 of
				appd	ALEX LIANG 11/28/07				
sheet index	revision sheet								