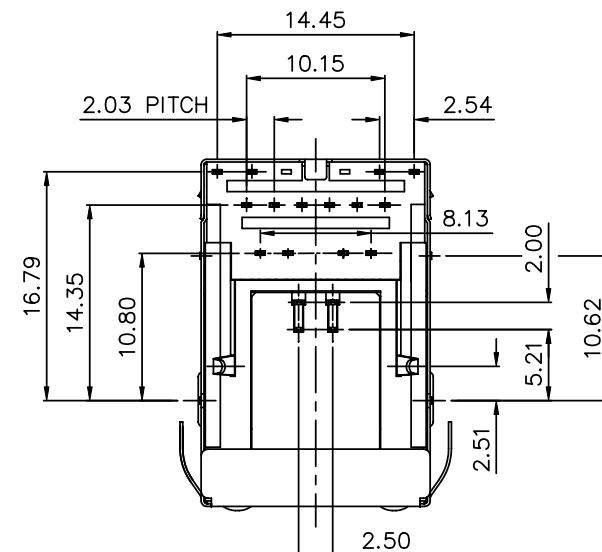
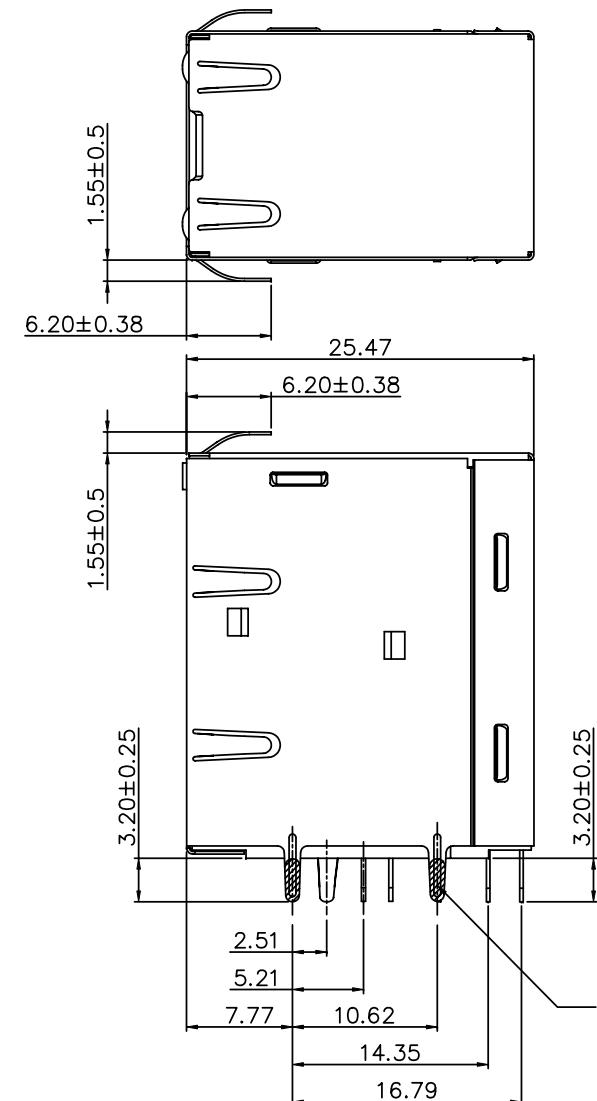
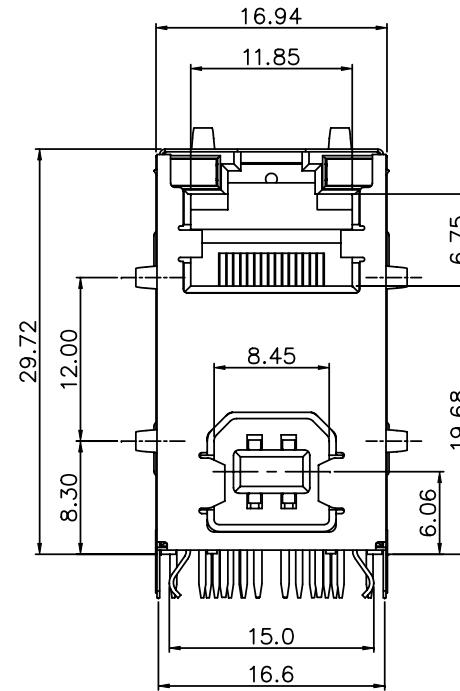




PRODUCT NO.
10085072-XXXLF



BOTTOM VIEW

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI	www.fciconnect.com	
ltr	ecn no	dr	date	linear						
A	T07-1184	WL	12/21/07	.X	±0.30		projection	title		
				.XX	±0.20					
				.XXX	±0.10			RJ45 + USB B TYPE W/LED TRANSFORMER 10/100/1000		
				angles						
				0°±2°				product family		
				dr	WENDY CHEN	12/17/07				
				engr	WENDY CHEN	12/17/07	MM	size	JACK SERIES	
				chr	WENDY CHEN	12/17/07	scale	dwg no	code	
				appd	ALEX LIANG	12/17/07			TWN	
sheet index	revision sheet	A	A	A				sheet		
		1	2	3				1 of 3		

NOTES:

1. MATERIALS :

SHELL : STAINLESS STEEL, T=0.20mm
HOUSING: HIGH THERMOPLASTIC, UL 94V-0
RJ CONTACT : COPPER ALLOY, T=0.25mm
USB CONTACT: COPPER ALLOY, T=0.25mm
MODULE: PHENOLIC UL94V-0
INPUT PIN: COPPER ALLOY

2. FINISH :

RJ CONTACT : SELECTED GOLD PLATING ON CONTACT AREA
INPUT PIN: TIN COATED COPPER ALLOY
USB CONTACT: 30u" GOLD PLATING ON CONTACT AREA
SHELL : PRE-SOLDERING ON SHELL GROUNDING LEG

3. MECHANICAL CHARACTERISTICS :

RJ45: INSERTION FORCE : 22N MAX.
REMOVAL FORCE(WITHOUT PLUG LOCK) : 22N MAX.
PLUG LOCKING RETENTION FORCE : 50N MIN./60sec
DURABILITY : 1000 TIMES
USB: INSERTION FORCE: 35N MAX
REMOVAL FORCE: 10N MIN. 35N MAX.

4. OPERATING TEMPERATURE : 0°C ~ 70°C

5. PRODUCT PERFORMANCE PER SPEC. : GS-12-529.

6. PACKING SPEC. : GS-14-1237.

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:

10085072-X X X LF

LED COLOR CODE:

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

TRANSFORMER SPEED :

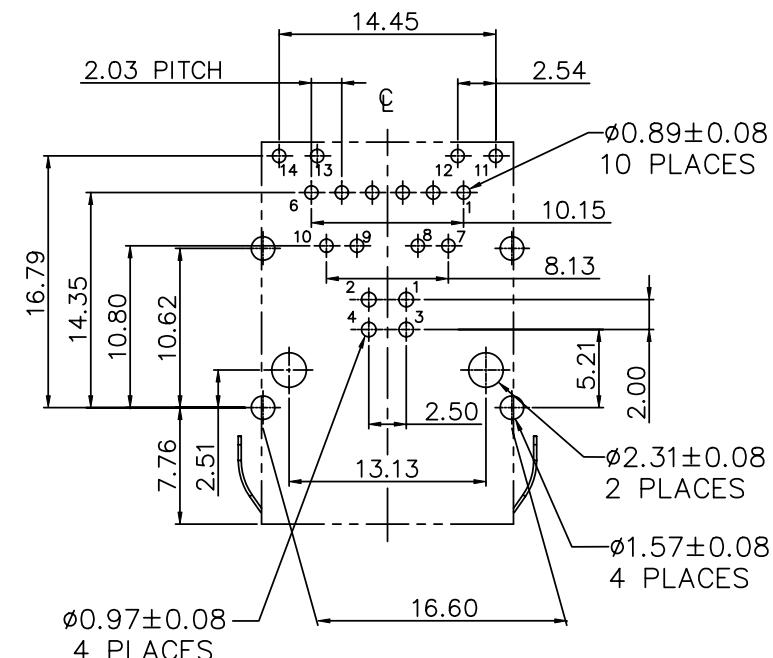
0: 10/100/1000 BASE-T

LED POLARITY: NORMAL

WITHOUT RESISTOR

RJ CONTACT AREA PLATING:

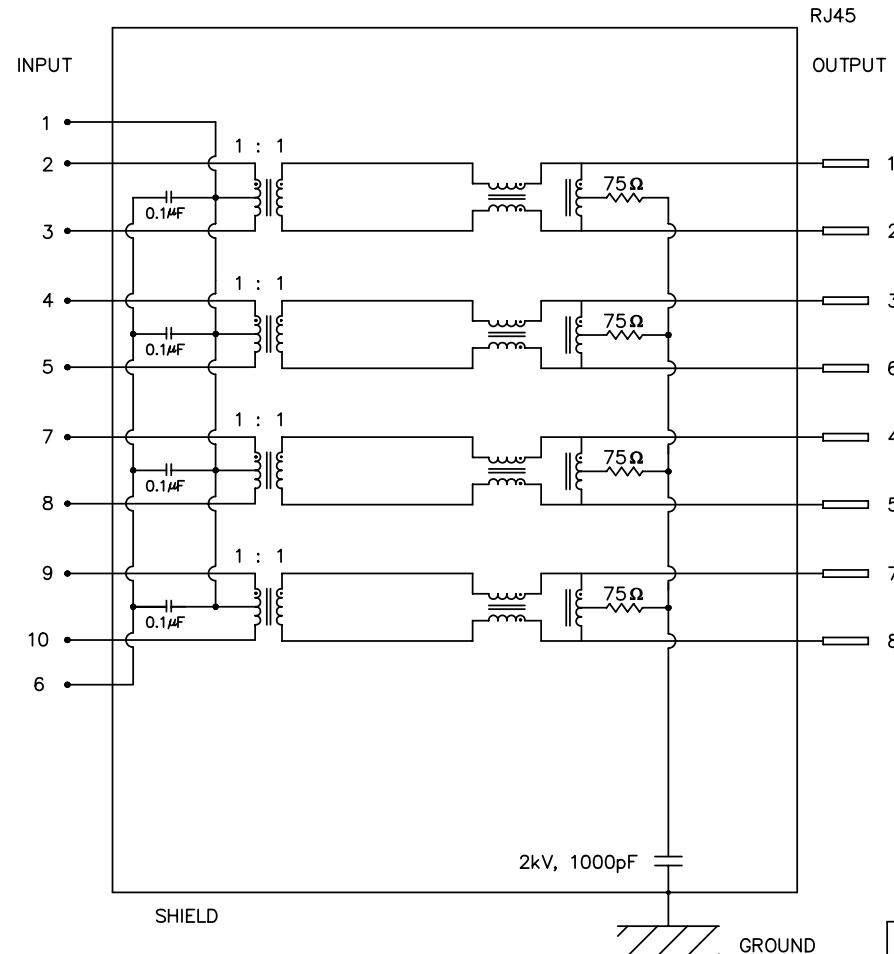
1 : 15u" GOLD



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

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI	www.fciconnect.com
ltr	ecn no	dr	date	linear	angles			
A				.X ± 0.30	.XX ± 0.20	projection	title	RJ45 + USB B TYPE W/LED TRANSFORMER 10/100/1000
				.XXX ± 0.10	0° ± 2°		product family	JACK SERIES
				dr	WENDY CHEN 12/17/07	MM	code	TWN
				engr	WENDY CHEN 12/17/07	scale	size	dwg no
				chr	WENDY CHEN 12/17/07		sheet	
				appd	ALEX LIANG 12/17/07		2 of	
sheet index	revision sheet							

ELECTRIC SCHEME



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	www.fciconnect.com
ltr	ecn no	dr	date	linear	angles			
A				.X ± 0.30				
				.XX ± 0.20				
				.XXX ± 0.10				
				0° ±2°				
		dr	WENDY CHEN	12/17/07		projection		
		engr	WENDY CHEN	12/17/07			title	RJ45 + USB B TYPE W/LED TRANSFORMER 10/100/1000
		chr	WENDY CHEN	12/17/07			product family	JACK SERIES
		appd	ALEX LIANG	12/17/07			code	TWN
		sheet index	revision sheet			scale	size	dwg no
							A4	10085072
							sheet	3 of