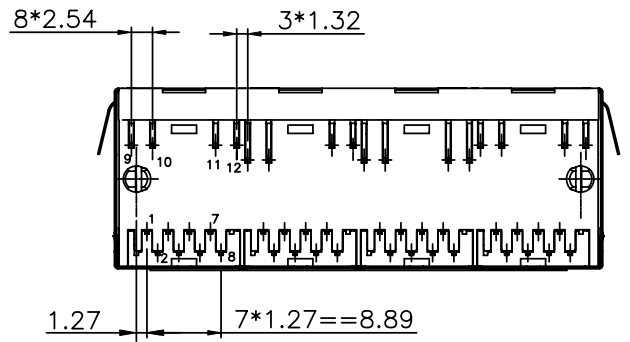
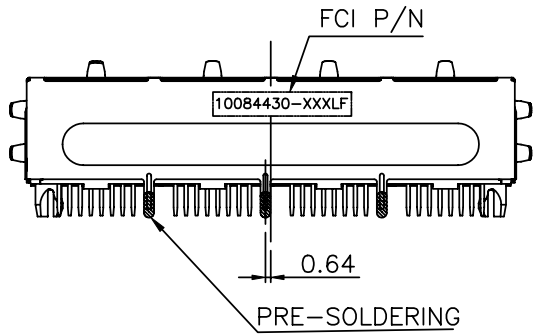
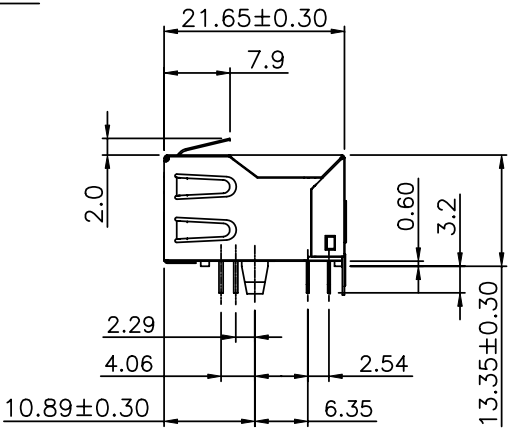
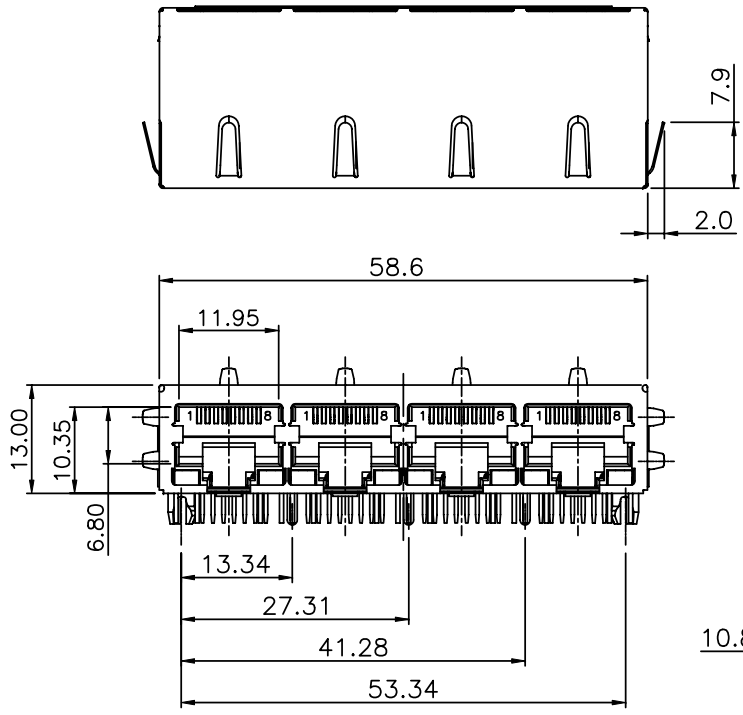


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PART NO.
10084430-XXXLF



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection		www.fciconnect.com	
A	T07-1173	WL	11/29/07		.XX ± 0.20				
					.XXX ± 0.10				
				angles	0° ± 2°	MM		title RJ45 1x4 W/LED/SPRING TAB DOWN, TRANSFORMER 10/100	
				dr	WENDY CHEN 11/28/07				
				enr	WENDY CHEN 11/28/07				
				chr	WENDY CHEN 11/28/07	scale	A4	product family JACK SERIES	
				appd	ALEX LIANG 11/28/07				
sheet index	revision sheet	A 1	A 2	A 3				code TWN	
								sheet 1 of 3	

ACAD

PDM: Rev:A

STATUS: Released 2007 Dec 20, 2007

cage code 29526

NOTES:

- 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
- FINISH :
RJ CONTACT : SELECTED GOLD PLATING ON CONTACT AREA
INPUT PIN: TIN COATED COPPER ALLOY
SHELL : PRE-SOLDERING ON SHELL GROUNDING LEG
- MECHANICAL CHARACTERISTICS :
INSERTION FORCE : 22N MAX.
REMOVAL FORCE(WITHOUT PLUG LOCK) : 22N MAX.
DURABILITY : 1000 TIMES
- OPERATING TEMPERATURE : 0°C ~ 70°C
- PRODUCT PERFORMANCE PER SPEC. : GS-12-520.
- PACKING SPEC. : GS-14-1243.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVE AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 265°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.
- PART NUMBER DESCRIPTION:

10084430-X X X LF

LED COLOR CODE:

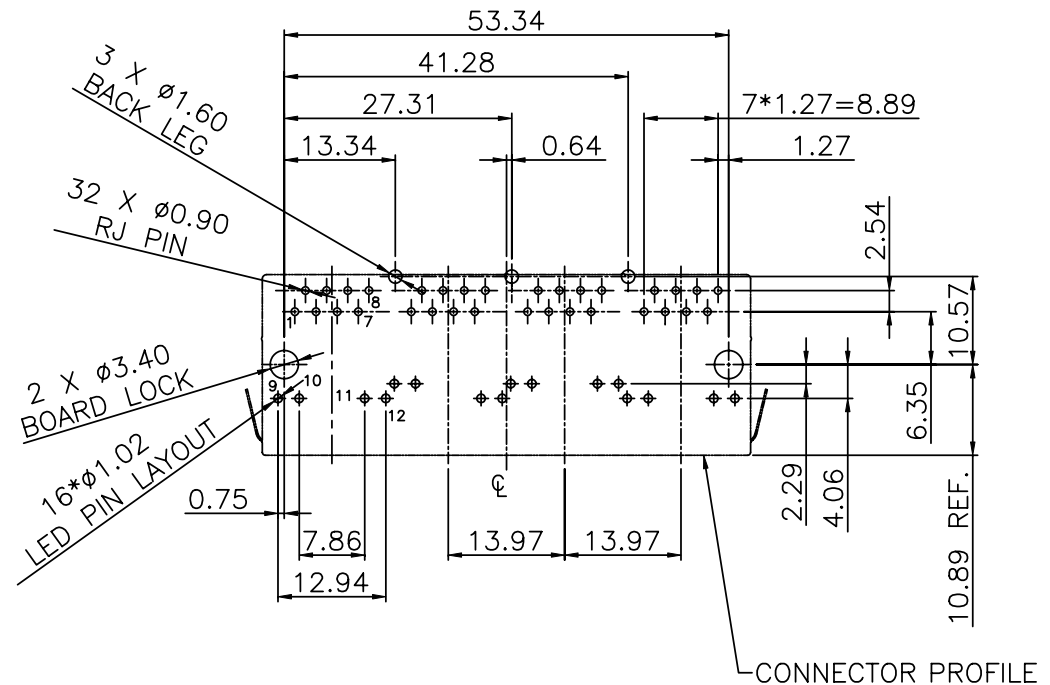
0: RIGHT LED COLOR: GREEN
LEFT LED COLOR: YELLOW

TRANSFORMER SPEED :

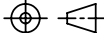
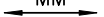
0: 10/100 BASE-T
LED POLARITY: NORMAL
WITHOUT RESISTOR

RJ CONTACT AREA PLATING:

1 : 15u" GOLD



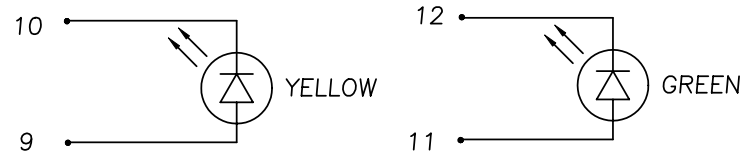
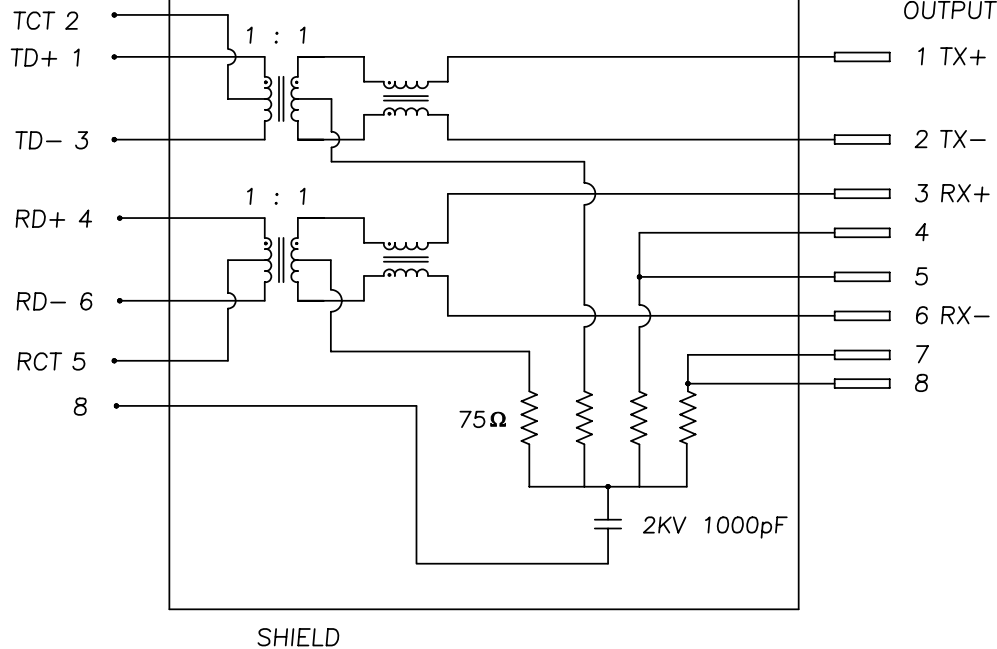
RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
ALL DIMENSION TOLERANCE ARE ±0.05mm

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		FCI  www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.30			projection 	title RJ45 1x4 W/LED/SPRING TAB DOWN,TRANSFORMER 10/100		
A					.XX ± 0.20						
					.XXX ± 0.10						
				angles	0° ± 2°				product family JACK SERIES size dwg no A4 10084430		
				dr	WENDY CHEN	11/28/07					
				enrg	WENDY CHEN	11/28/07					
				chr	WENDY CHEN	11/28/07					
				appd	ALEX LIANG	11/28/07	scale	sheet index revision sheet			
			</								



ELECTRIC SCHEME

INPUT



Transmitter & Receiver Filter:

1. Insertion Loss (dB MAX)
1~100MHz -1.0
2. Return Loss at 100Ω(dB MIN)
1~30MHz -18
30~60MHz -16
60~80MHz -12
3. Common Mode Rejection@ 1~100 MHz: -30dB MIN
4. Cross Talk@1~100 MHz: -35dB MIN
5. Inductance@100KHz/ 0.1V, 8mA DC BIAS: 350uH MIN
6. HiPot Test: 1500Vrms(or 2250VDC), 60sec
7. LED: Forward Voltage (V)@ 20mA
Typica :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	www.fciconnect.com	
A					.XX ± 0.20			title	
					.XXX ± 0.10			RJ45 1x4 W/LED/SPRING	
				angles	0° ±2°	scale	A4	product family JACK SERIES	
				dr	WENDY CHEN 11/28/07			code	
				enr	WENDY CHEN 11/28/07			size dwg no	
				chr	WENDY CHEN 11/28/07	sheet	3 of	10084430	
				appd	ALEX LIANG 11/28/07				
sheet index	revision sheet								