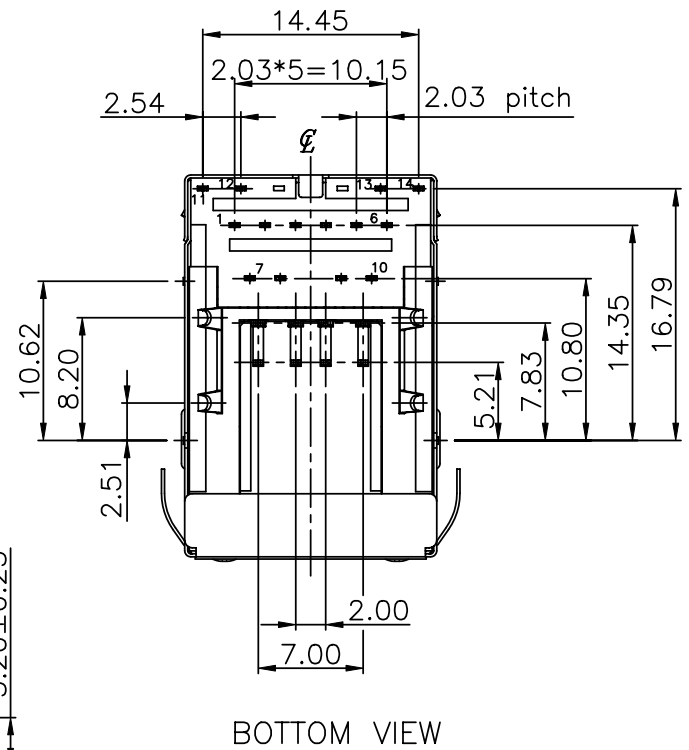
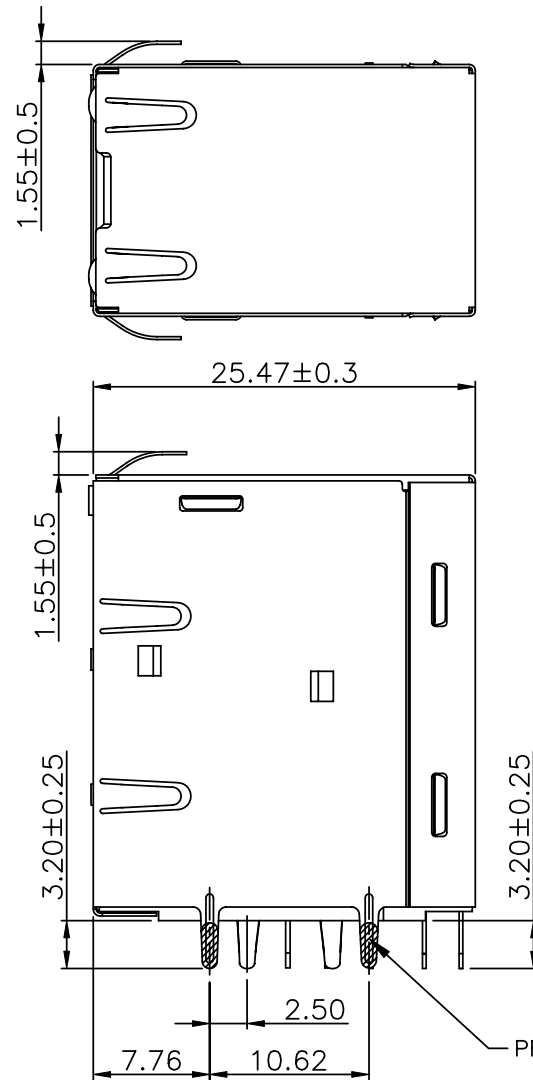
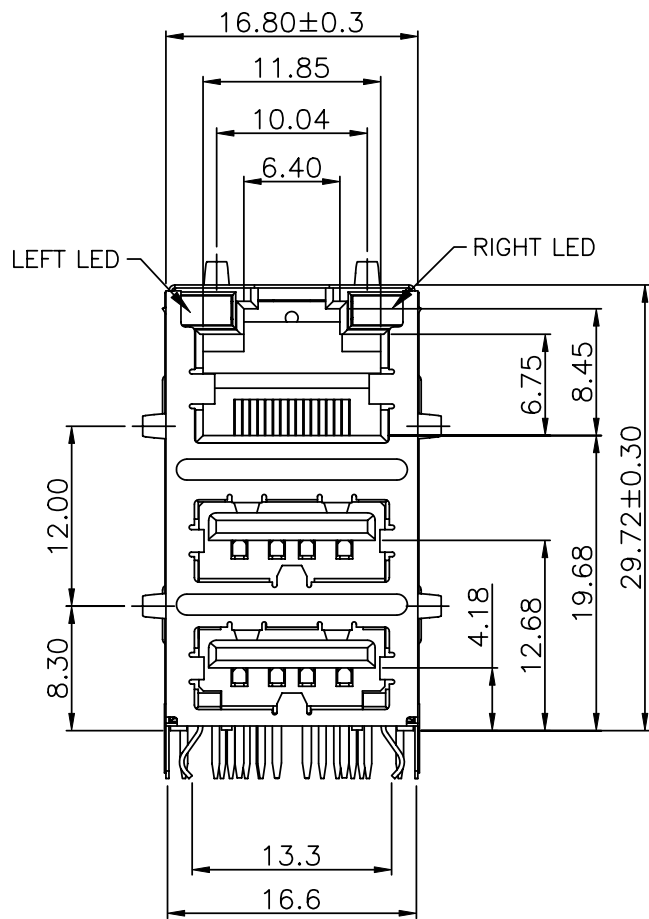




PART NUMBER
10084280-XXXLF



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	title	www.fciconnect.com	
A	T07-1164	WL	10/16/07		.XX ± 0.20				
					.XXX ± 0.10				
				angles	0° ± 2°	MM	/SPRING/TRANSFORMER 10/100/1000	product family	JACK SERIES
				dr	WENDY CHEN 11/16/07				
				enr	WENDY CHEN 11/16/07				
				chr	WENDY CHEN 11/16/07	scale	A4	size	dwg no
				appd	ALEX LIANG 11/16/07				
sheet	revision	1	2	3					
index	sheet	A	A	A					

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NOTES:

- 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
- FINISH :
RJ CONTACT : SELECTED GOLD PLATING ON CONTACT AREA
INPUT PIN: TIN COATED COPPER ALLOY
USB CONTACT: GOLD FLASH PLATING ON CONTACT AREA
SHELL : PRE-SOLDERING ON SHELL GROUNDING LEG
- 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:11N MIN. 35N MAX.
- OPERATING TEMPERATURE : 0°C ~ 70°C
- PRODUCT PERFORMANCE PER SPEC. : GS-12-515.
- PACKING SPEC. : GS-14-1237.
- 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:

10084278-X X X LF

LED COLOR CODE:

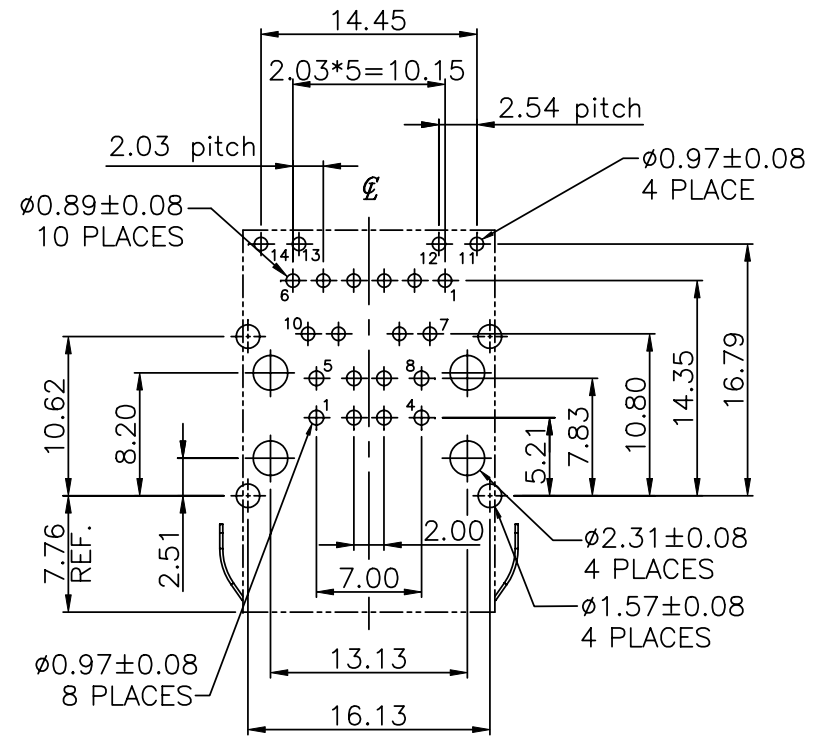
0: RIGHT LED COLOR: YELLOW/GREEN
LEFT LED COLOR: GREEN

TRANSFORMER SPEED :

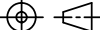
0: 10/100/1000 BASE-T
LED POLARITY: NORMAL

RJ CONTACT AREA PLATING:

1 : 15u" GOLD



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

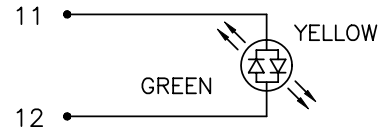
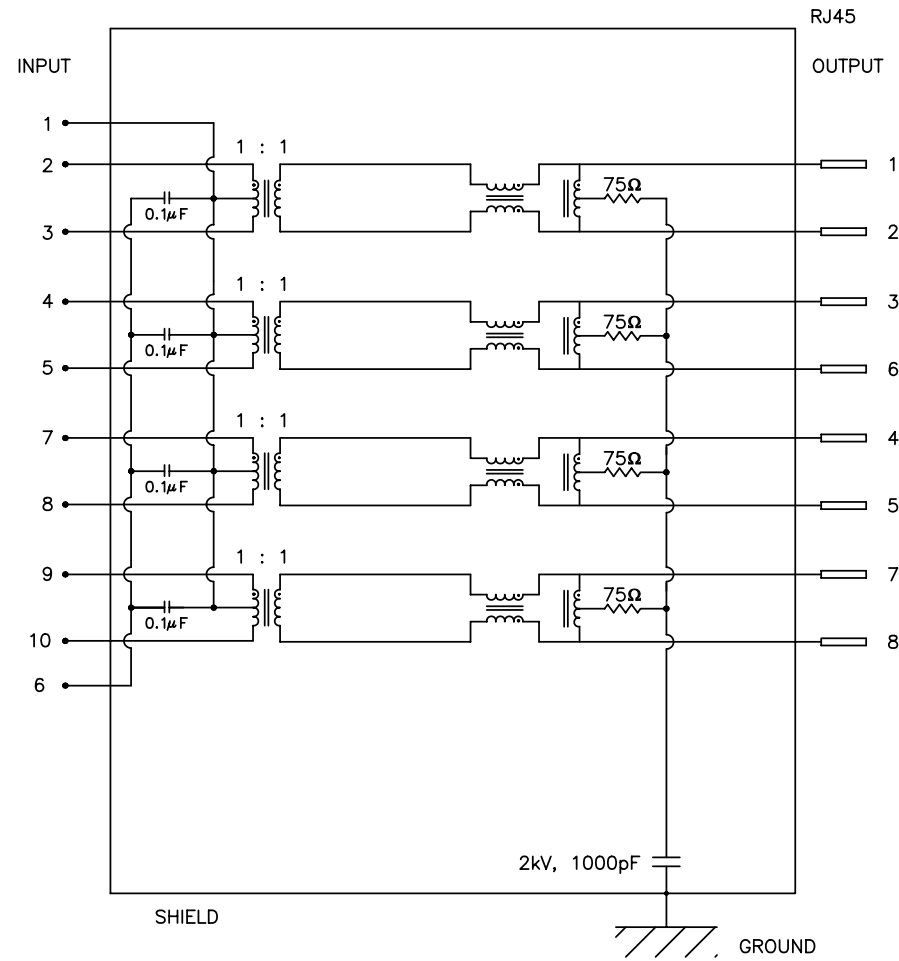
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY				www.fciconnect.com			
ltr	ecn no	dr	date	linear	.X ± 0.30			projection 	title RJ45 + USB A TYPE W/LED /SPRING/TRANSFORMER 10/100/1000					
A					.XX ± 0.20									
					.XXX ± 0.10									
				angles	0° ±2°				product family JACK SERIES size dwg no					
				dr	WENDY CHEN	11/16/07								
				enrg	WENDY CHEN	11/16/07								
				chr	WENDY CHEN	11/16/07	scale	A4	10084280					
				appd	ALEX LIANG	11/16/07								
sheet index		revision sheet												

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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	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection		www.fciconnect.com	
A					.XX ± 0.20			title	
					.XXX ± 0.10			RJ45 + USB A TYPE W/LED	
				angles	0° ±2°	MM		/SPRING/TRANSFORMER 10/100/1000	
				dr	WENDY CHEN 11/16/07			product family	JACK SERIES
				enrg	WENDY CHEN 11/16/07			code	TWN
				chr	WENDY CHEN 11/16/07	scale	A4	size dwg no	10084280
				appd	ALEX LIANG 11/16/07			sheet	3 of
sheet index	revision sheet								