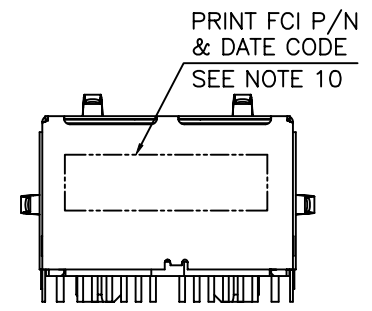
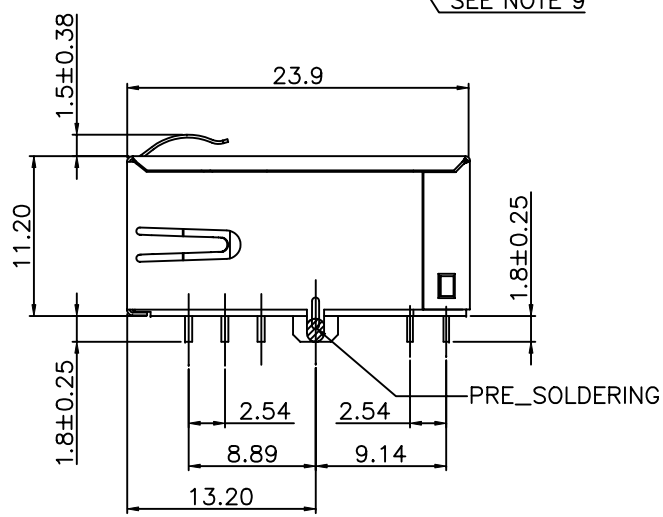
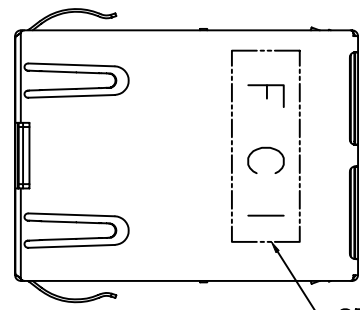
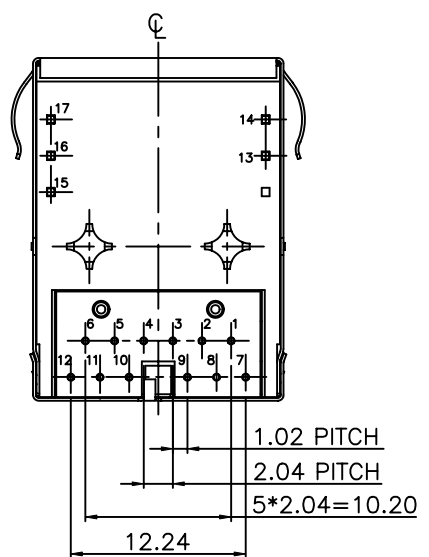
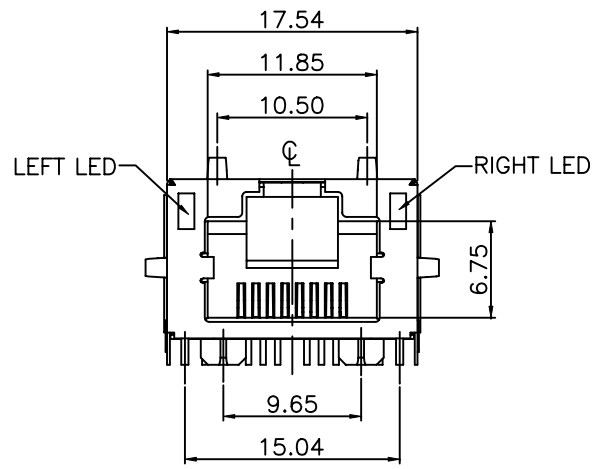


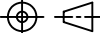
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PART NO.
10085074-XXXLF



mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.30			projection 	title RJ45 1x1 TAB UP, LOW PROFILE W/LED/SPRING, TRANSFORMER 10/100/1000		
A	T07-1186	WL	12/31/07		.XX ± 0.20						
B	T08-1099	WL	06/05/08		.XXX ± 0.10						
				angles	0° ± 2°				product family JACK SERIES		code
				dr	WENDY CHEN	12/26/07	scale		size dwg no A4 10085074	sheet 1 of 3	
				engr	WENDY CHEN	12/26/07					
				chr	WENDY CHEN	12/26/07					
				appd	ALEX LIANG	12/26/07					
sheet index	revision sheet	B 1	B 2	B 3							

ACAD

PDM: Rev:B

STATUS: Released
cage code 29526
Printed Jun 23, 2008

NOTES:

1. MATERIALS :
SHELL : STAINLESS STEEL, T=0.20mm
HOUSING: HIGH THERMOPLASTIC, UL 94V-0
RJ CONTACT : COPPER ALLOY, T=0.25mm, UL 94V-0
MODULE: HIGH THERMOPLASTIC
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 : 1000TIMES
4. OPERATING TEMPERATURE : 0°C ~ 70°C
5. PRODUCT PERFORMANCE PER SPEC. : GS-12-531.
6. PACKING SPEC. : GS-14-1242.
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:
10085074-X X X LF

LED COLOR CODE:

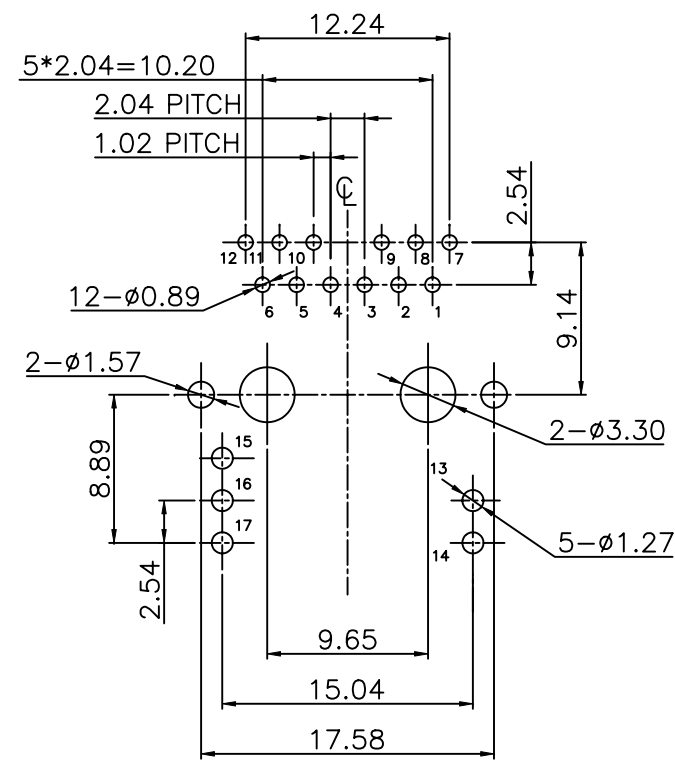
O: RIGHT LED COLOR: YELLOW
LEFT LED COLOR: ORANGE/GREEN

TRANSFORMER SPEED :

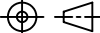
O: 10/100/1000 BASE-T
LED POLARITY: NORMAL
WITHOUT RESISTOR

RJ CONTACT AREA PLATING:

1 : 15u" GOLD



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

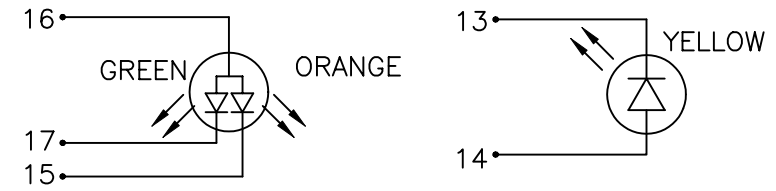
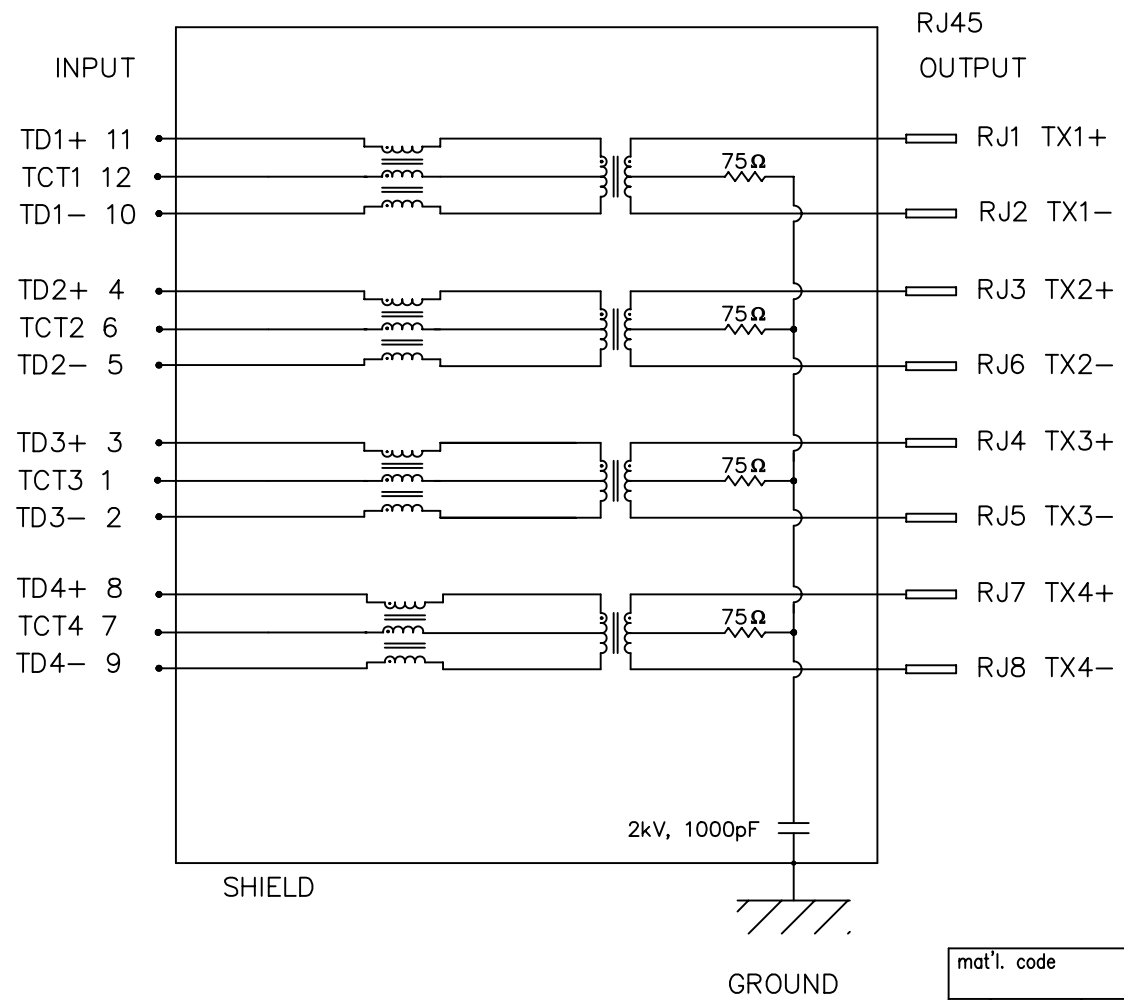
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY				www.fciconnect.com			
ltr	ecn no	dr	date	linear	.X ± 0.30			projection 	title RJ45 1x1 TAB UP, LOW PROFILE W/LED/SPRING, TRANSFORMER 10/100/1000					
B					.XX ± 0.20									
					.XXX ± 0.10									
				angles	0° ± 2°				product family JACK SERIES size dwg no A4 10085074					
				dr	WENDY CHEN	12/26/07								
				enrg	WENDY CHEN	12/26/07								
				chr	WENDY CHEN	12/26/07								
				appd	ALEX LIANG	12/26/07								
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	MM	www.fciconnect.com	
B					.XX ± 0.20			title	
					.XXX ± 0.10			RJ45 1x1 TAB UP, LOW PROFILE	
				angles	0° ±2°	scale	A4	W/LED/SPRING, TRANSFORMER 10/100/1000	
				dr	WENDY CHEN 12/26/07			product family	JACK SERIES
				enrg	WENDY CHEN 12/26/07			size	dwg no
				chr	WENDY CHEN 12/26/07	scale	A4	10085074	
				appd	ALEX LIANG 12/26/07			code	TWN
sheet index	revision sheet							sheet	3 of