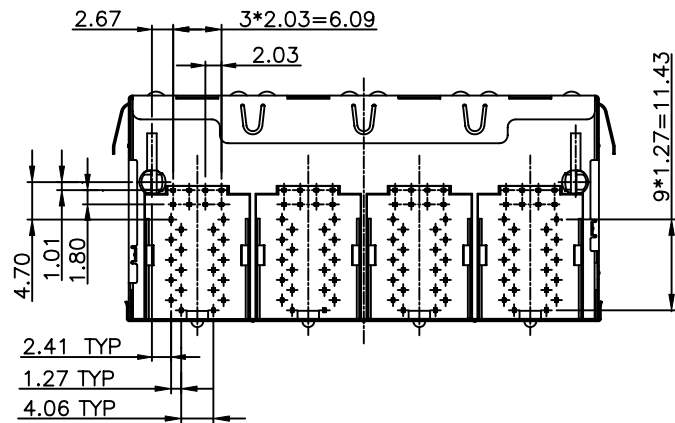
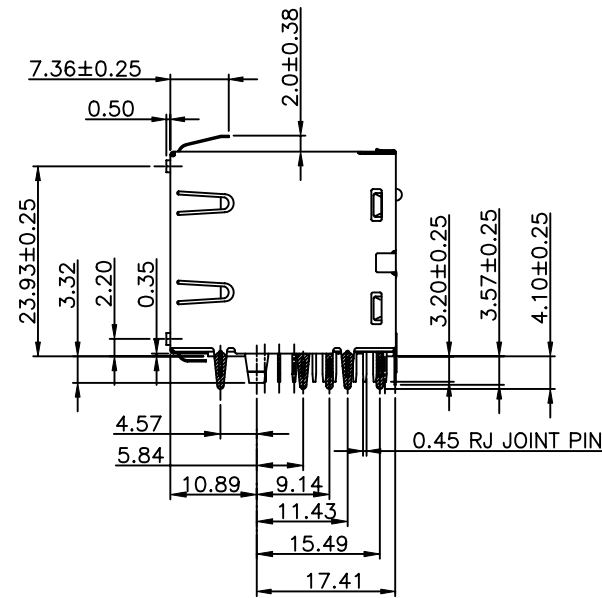
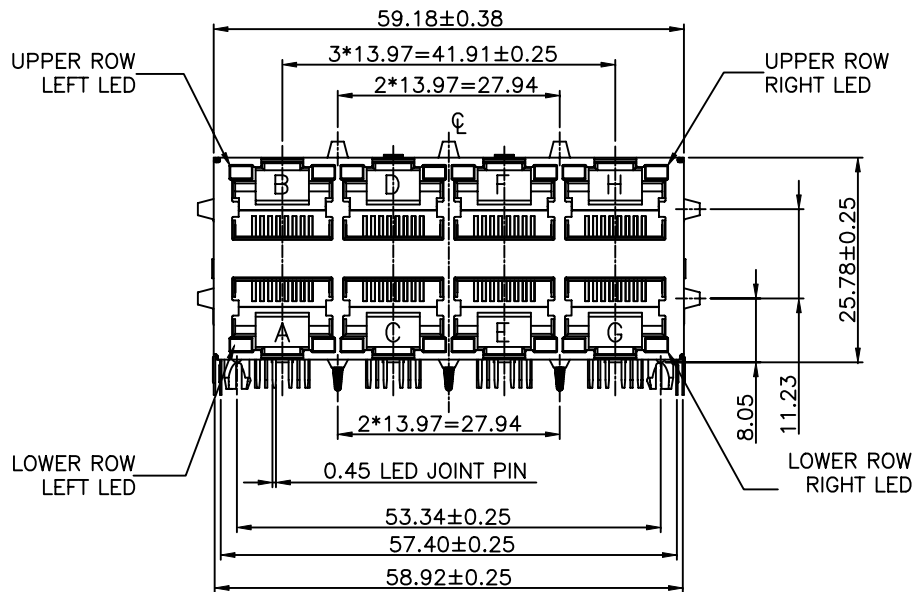
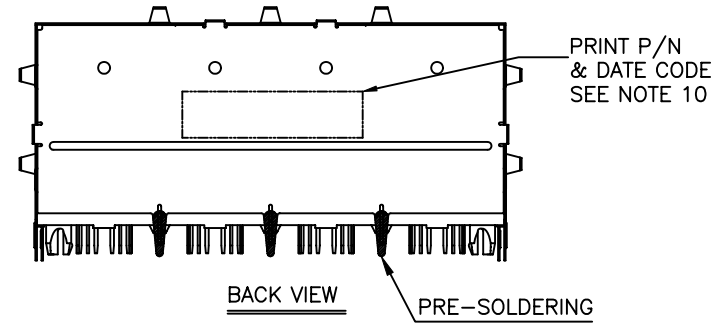
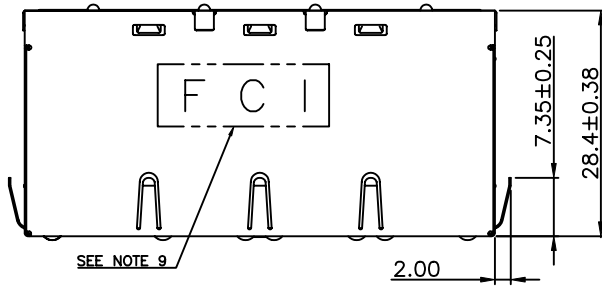




PART NO.
10085080-XXXLF



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	T08-1062	WL	04/08/08		.XX ± 0.20		RJ45 2x4 W/LED/SPRING TRANSFORMER 10/100/1000		
B	T08-1201	WL	12/24/08		.XXX ± 0.10				
C	T09-1002	WL	01/07/09	angles	0° ± 2°		product family JACK SERIES code size dwg no		
D	T09-1009	WL	02/03/09	dr	WENDY CHEN 04/02/08				
E	T09-1018	WL	02/23/09	enr	WENDY CHEN 04/02/08	scale	A4 10085080		
				chr	WENDY CHEN 04/02/08				
				appd	MINERVA WANG 04/02/08				
sheet index	revision sheet	E 1	E 2	E 3					

NOTES:

1. MATERIALS :
SHELL : STAINLESS STEEL, T=0.20mm
HOUSING: HIGH THERMOPLASTIC, UL 94V-0
RJ CONTACT : COPPER ALLOY, T=0.3mm
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-12-537.
6. PACKING SPEC. : GS-14-1281.
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:
10085080-X X X LF

LED COLOR CODE:

- 0: UPPER ROW:
RIGHT LED COLOR: YELLOW
LEFT LED COLOR: GREEN/ORANGE
LOWER ROW:
RIGHT LED COLOR: YELLOW
LEFT LED COLOR: GREEN/ORANGE
- 2: UPPER ROW:
RIGHT LED COLOR: GREEN/YELLOW
LEFT LED COLOR: GREEN/YELLOW
LOWER ROW:
RIGHT LED COLOR: GREEN/YELLOW
LEFT LED COLOR: GREEN/YELLOW
- 3: UPPER ROW:
RIGHT LED COLOR: GREEN/ORANGE
LEFT LED COLOR: GREEN/ORANGE
LOWER ROW:
RIGHT LED COLOR: GREEN/ORANGE
LEFT LED COLOR: GREEN/ORANGE

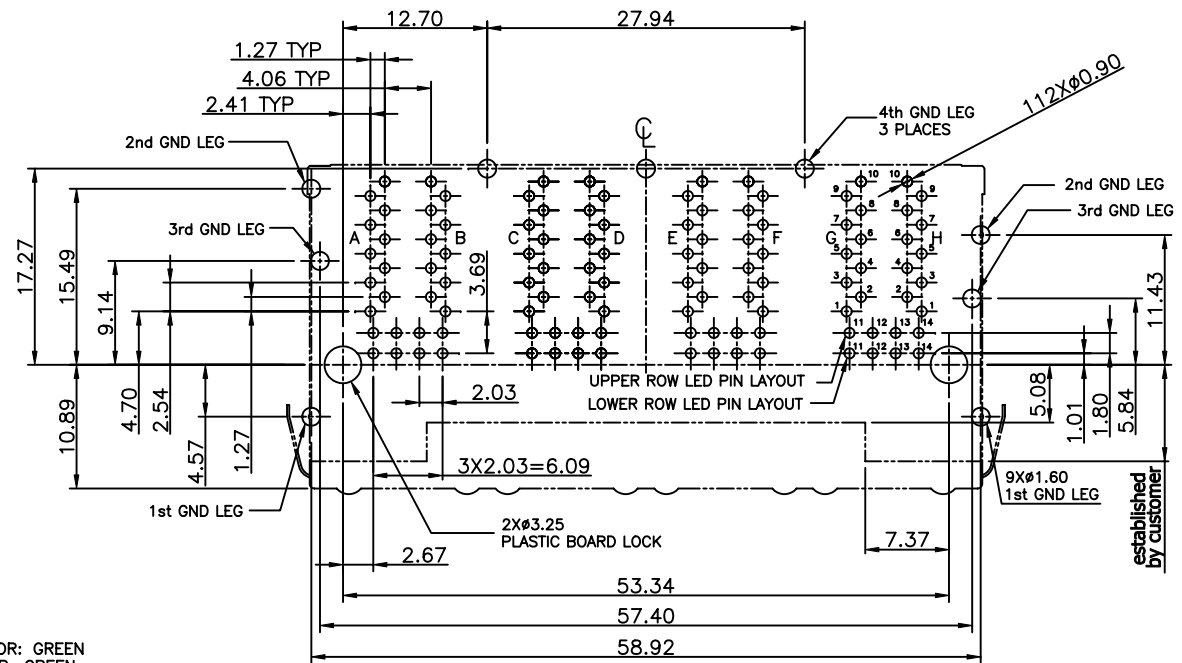
TRANSFORMER SPEED :

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

RJ CONTACT AREA PLATING:

- 1 : 15u" GOLD

- 4: UPPER ROW:
RIGHT LED COLOR: GREEN
LEFT LED COLOR: GREEN
LOWER ROW:
RIGHT LED COLOR: GREEN
LEFT LED COLOR: GREEN

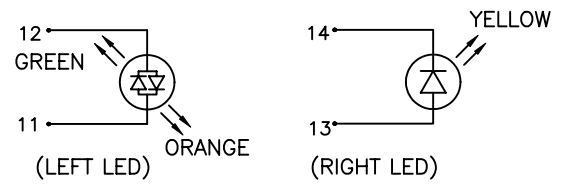


RECOMMENDED PCB LAYOUT COMPONENT SIDE
ALL DIMENSION TOLERANCE ARE ±0.05 UNLESS OTHERWISE SPECIFIED

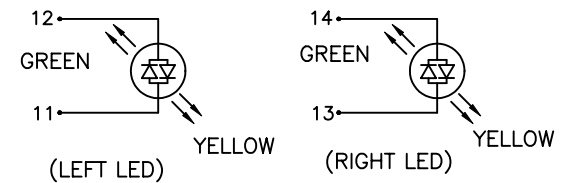
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
litr	ecn no	dr	date	linear	.X ± 0.30	projection	title	www.fciconnect.com	
E					.XX ± 0.20			RJ45 2x4 W/LED/SPRING	
					.XXX ± 0.10			TRANSFORMER 10/100/1000	
				angles	0° ± 2°			product family	JACK SERIES
				dr	WENDY CHEN 04/02/08	MM	size	dwg no	code
				enrg	WENDY CHEN 04/02/08				
				chr	WENDY CHEN 04/02/08				
				appd	MINERVA WANG 04/02/08	scale	A4	10085080	sheet 2 of
sheet index	revision sheet								

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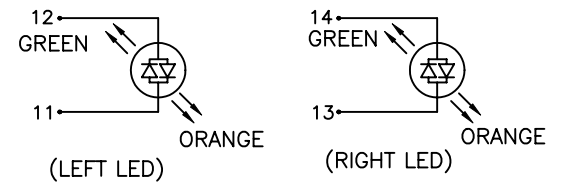
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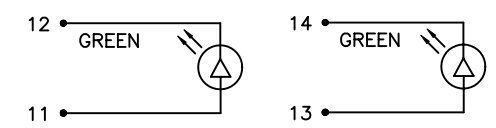
FOR 10085080-XX0LF



FOR 10085080-XX2LF



FOR 10085080-XX3LF

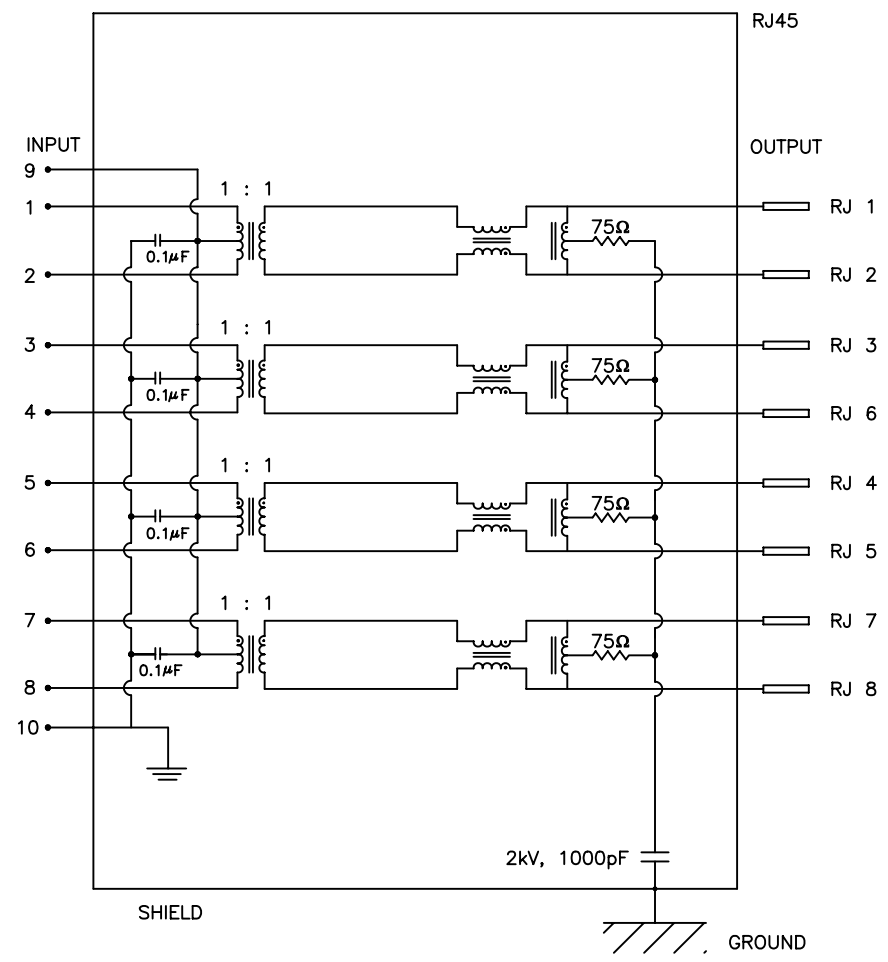


FOR 10085080-XX4LF

Transmitter & Receiver Filter:

1. Insertion Loss (dB MAX)
1~100MHz -1.0
100~120MHz -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: -35dB MIN
5. Inductance@100KHz/ 0.1V, 8mA DC BIAS: 350uH MIN
6. HiPot Test: 1500Vrms(or 2250VDC), 60sec

ELECTRIC SCHEME



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	title	www.fciconnect.com	
E					.XX ± 0.20			RJ45 2x4 W/LED/SPRING	
					.XXX ± 0.10			TRANSFORMER 10/100/1000	
				angles	0° ± 2°	MM	product family	JACK SERIES	code
				dr	WENDY CHEN 04/02/08			size	TWN
				enr	WENDY CHEN 04/02/08			dwg no	sheet
				chr	WENDY CHEN 04/02/08	scale	A4	10085080	3 of
				appd	MINERVA WANG 04/02/08				
sheet index	revision sheet								