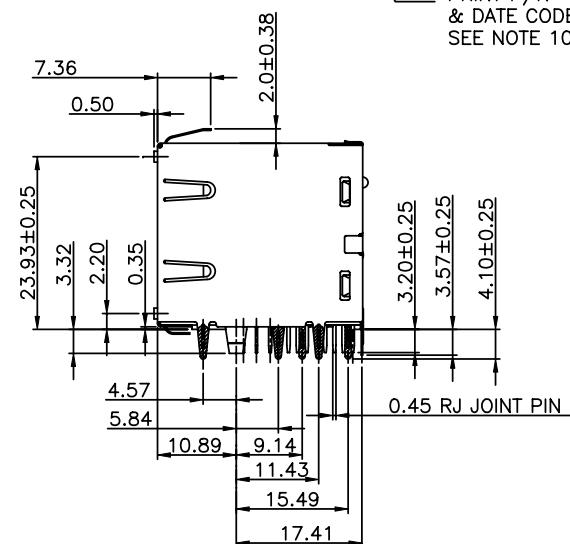
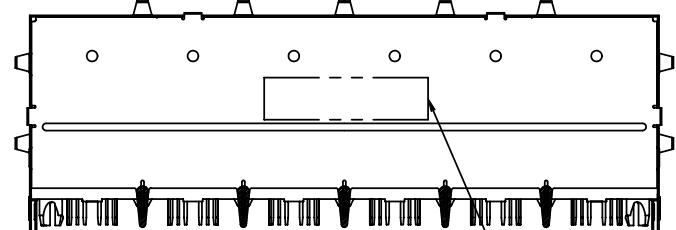
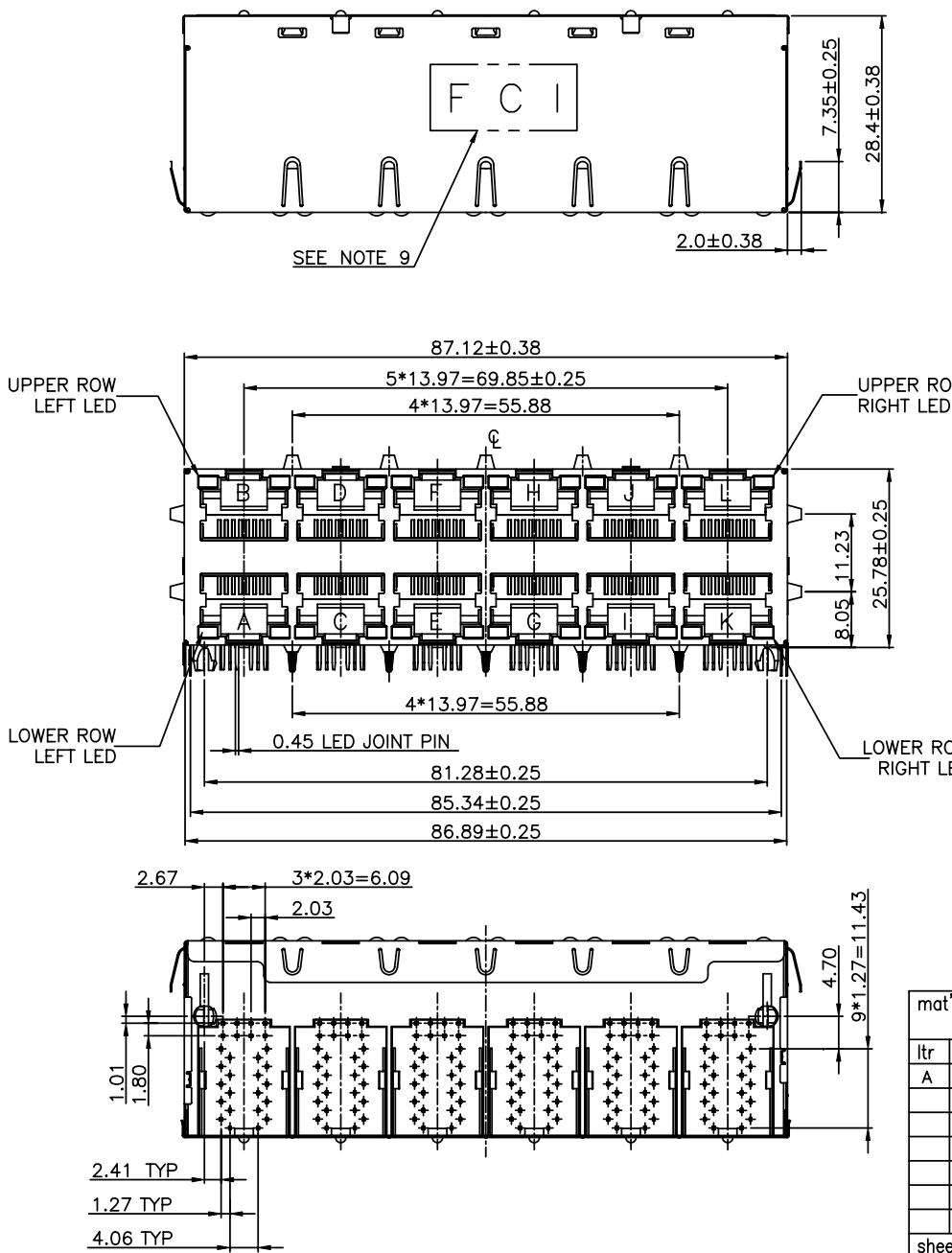


PART NO.

10085081-XXXLF



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	projection	title	www.fciconnect.com
ltr	ecn no	dr	date	linear	angles				
A	T08-1066	WL	04/08/08	.X ± 0.30	.XX ± 0.20				
				.XXX ± 0.10	0° ±2°				
				dr	WENDY CHEN	04/02/08	MM	product family	JACK SERIES
				engr	WENDY CHEN	04/02/08		code	TWN
				chr	WENDY CHEN	04/02/08	scale	dwg no	10085081
				appd	MINERVA WANG	04/02/08		sheet	
sheet index	revision sheet	A	A						
		1	2						
			3						

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NOTES:

1. 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
2. FINISH :
RJ CONTACT : 50 μ " MIN. NICKEL UNDER PLATED OVER ALL.
100 μ " 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-12-538.
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

WEEK
YEAR (EX.:08--2008)

11. PART NUMBER DESCRIPTION

LED COLOR CODE

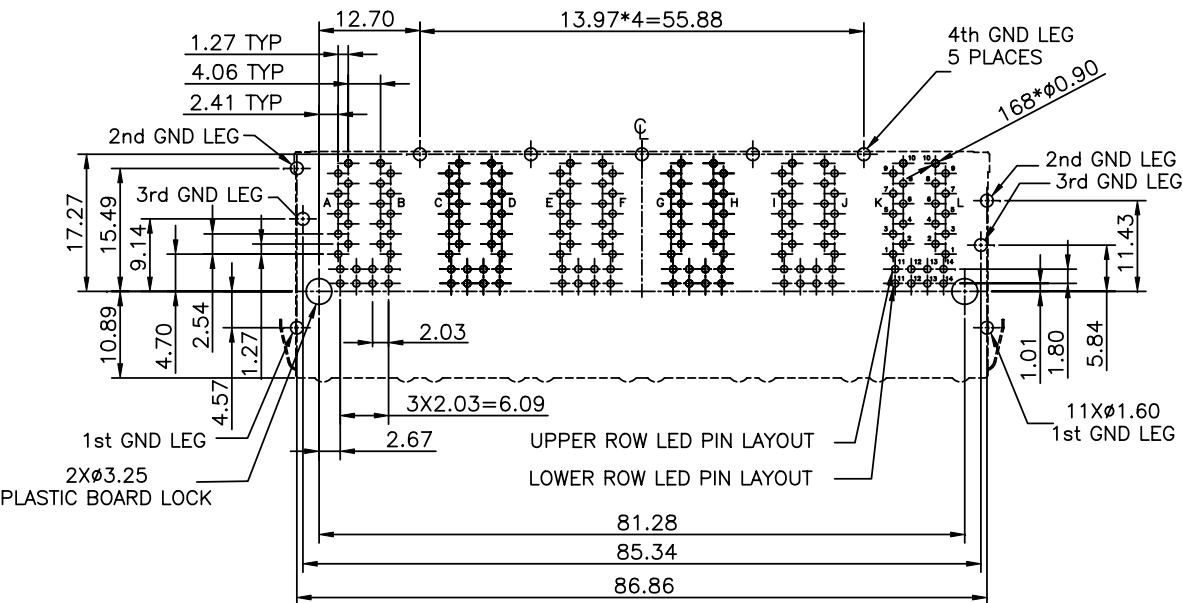
0: UPPER ROW:
RIGHT LED COLOR: YELLOW
LEFT LED COLOR: GREEN/ORANGE
LOWER ROW:
RIGHT LED COLOR: YELLOW
LEFT LED COLOR: GREEN/ORANGE

TRANSFORMER SPEED

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

RJ CONTACT AREA PLATING

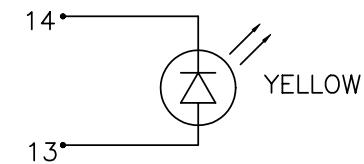
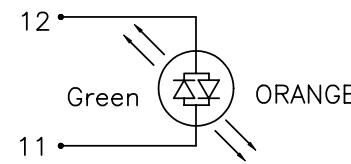
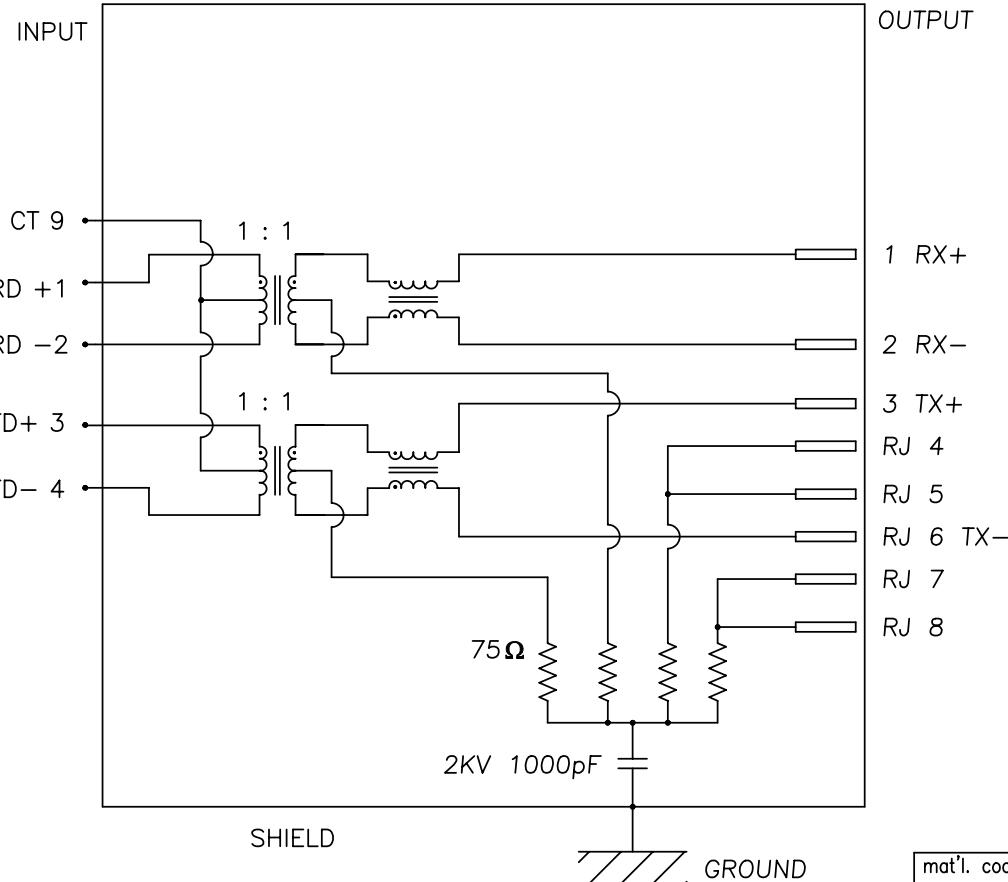
1 : 15u" GOL



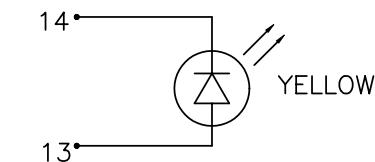
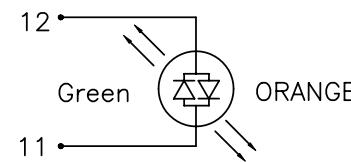
RECOMMENDED PCB LAYOUT COMPONENT SIDE
ALL DIMENSION TOLERANCE ARE ± 0.05 UNLESS OTHERWISE SPECIFIED

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.30					
A					.XX ± 0.20		projection	title RJ45 2x6 W/LED/SPRING TRANSFORMER 10/100		
					.XXX ± 0.10					
					angles 0° ± 2°					
		dr	WENDY CHEN	04/02/08	MM	product family	JACK SERIES		code	
		engr	WENDY CHEN	04/02/08			← →	size		dwg no
		chr	WENDY CHEN	04/02/08			scale			
		appd	MINERVA WANG	04/02/08						
sheet index		revision sheet					A4	10085081		sheet 2 of

ELECTRIC SCHEME



UPPER ROW LED



LOWER ROW LED

Transmitter & Receiver Filter:

1. Insertion Loss (dB MAX)
1~100MHz -1.0
2. Return Loss at 100W (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

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ± 0.30		
A					.XX ± 0.20		
					.XXX ± 0.10		
				angles	0° ±2°		
				dr	WENDY CHEN 04/02/08	MM	product family JACK SERIES
				engr	WENDY CHEN 04/02/08		code TWIN
				chr	WENDY CHEN 04/02/08	scale	size dwg no
				appd	MINERVA WANG 04/02/08		A4 10085081
sheet index	revision sheet						sheet 3 of