

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T180613-1A	ALLEN	2018.11.30
B	ECN NO:S190209-C	ALLEN	2019.03.20

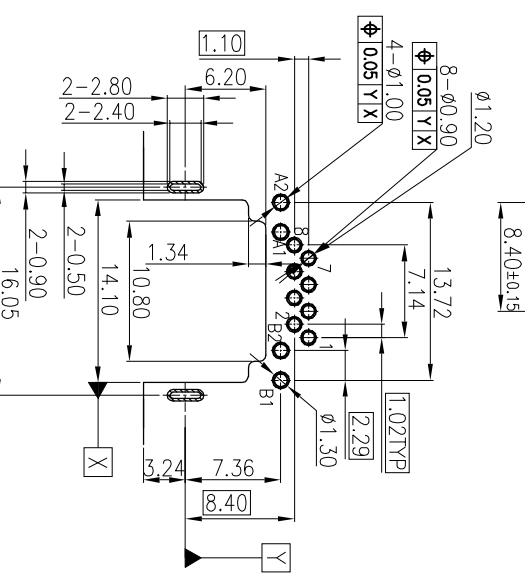
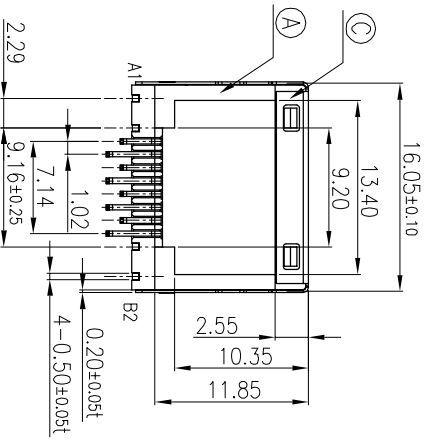
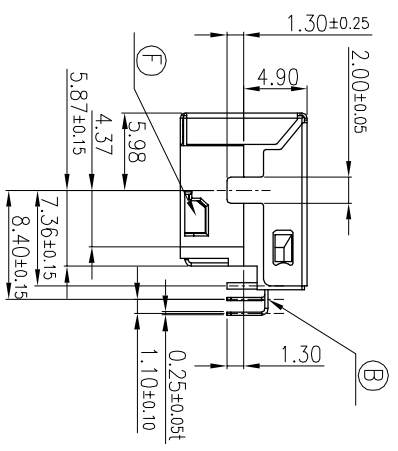
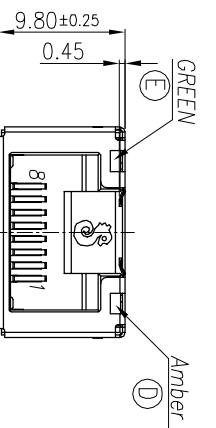
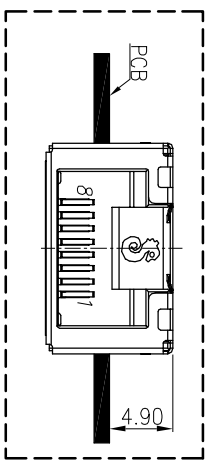
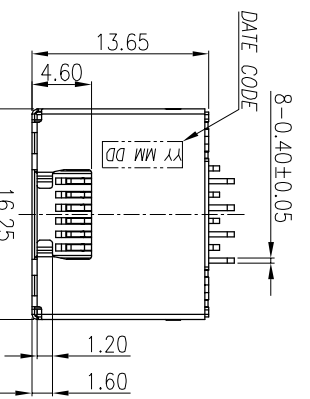
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. CURRENT RATING: 1.5A MAX.
- 1-2. VOLTAGE RATING: 150V MAX.
- 1-3. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL), 100mΩ MAX.(AFTER LIFE TEST).
- 1-4. INSULATION RESISTANCE: 100MΩ MIN.
- 1-5. Dielectric Withstanding Voltage : 500 V AC Max.

2. MECHANICAL CHARACTERISTICS:

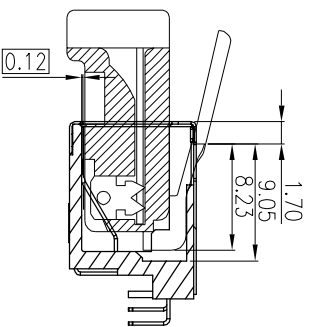
- 2-1. DURABILITY: 5000 CYCLES.
- 2-2. INSERTION FORCE: 2.25kg MAX. WITH LATCH DEPRESSED.
- 2-3. WITHDRAWAL FORCE: 4.5kg MAX. WITH LATCH DEPRESSED.
- 2-4. OPERATING TEMPERATURE: -30℃ ~ +70℃.
- 3. MARKING: MARK "Ⓢ" INSIDE OF THE CONNECTOR.
- 4. PACKAGING : TAPE & REEL.
- 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- 6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: ●
- 7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON THE PACKAGING: Ⓢ
- 8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- 9. PRINTED DATE CODE" YY MM DD " ON TOP OF THE CONNECTOR.



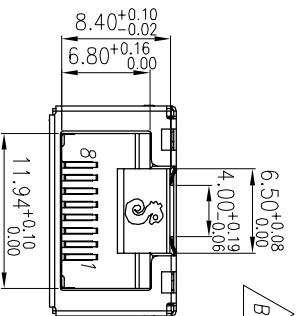
RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL: ±0.05
(PCB THICKNESS=1.00mm)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singatron Enterprise Co., Ltd. 信音企業股份有限公司				
DECIMALS:	ANGLES:	TITLE		
X :±0.5	X :±2°	R445 JACK		
X.X :±0.3	X.X :±1°	DWN	ALLEN	PART NO. 2RJ3075-198211F
X.XX :±0.25		CHKD	JAMES	SCALE 4:1 UNIT: mm
		APVD	Boye	SIZE: A3 SHEET: OF 2 REV: B
		CUSTOMER COPY		

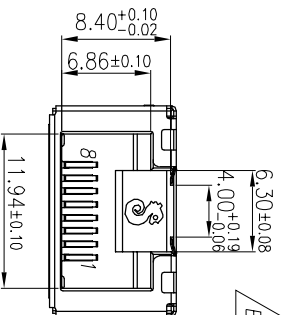
公母對插示意圖



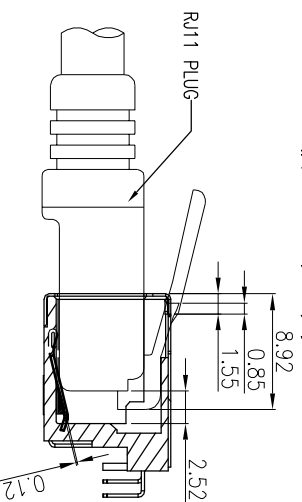
Before IR Reflow Dimensions Spec



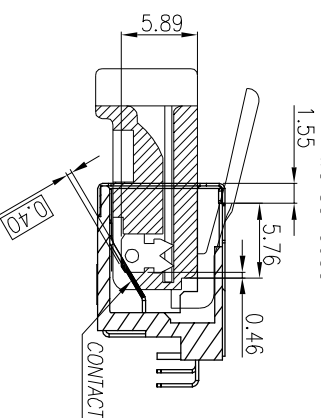
After IR Reflow Dimensions Spec



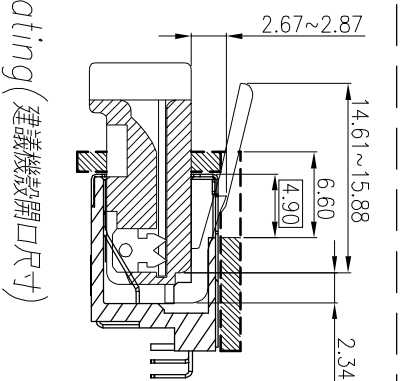
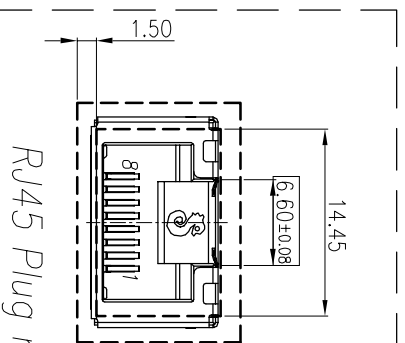
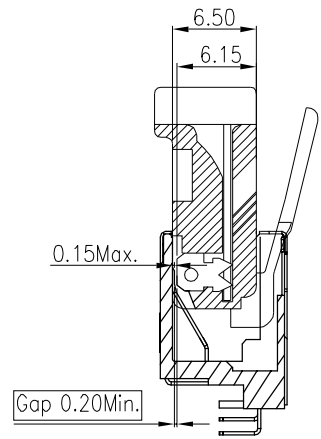
防RJ11示意圖



Contact Check
worse case



Contact Check
worse case



PIN 1	TX0+
PIN 2	TX0-
PIN 3	RX1+
PIN 4	TX2+
PIN 5	TX2-
PIN 6	RX1-
PIN 7	TX3+
PIN 8	TX3-
PIN 9	A1_GREEN+
PIN 10	A2_GREEN-
PIN 11	B1_AMBER+
PIN 12	B2_AMBER-

RJ45 Plug mating (建議機殼開口尺寸)

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A	PDR NO: T180613-1A	ALLEN	2018.11.30
B	ECN NO:S190209-C	ALLEN	2019.03.20

NODE	COLOR	Wavelength		
A1(+)	A2(-)	GREEN	A1-B-A2	565-574
B1(+)	B2(-)	Amber	B1-B-B2	585-594

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	STOPPER	2	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK
E	LED	1	GREEN	Matte tin 80u"Min
D	LED	1	Amber	Matte tin 80u"Min
C	SHELL	1	SUS301 1/2H 0.2T	NI PLATING ALL OVER
B	TERMINAL	8	PHOSPHOR BRONZE	G/F 90 CONTACT AREA, Matte Sn 120u ON SOLDER TAIL, ALL OVER IN 500 MIN.
A	HOUSING	1	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信晉企業股份有限公司

TITLE	DECIMALS:	ANGLES:
DWN	X :±0.5	X :±2°
CHKD	X.X :±0.3	X.X :±1°
APVD	X.XX :±0.25	

RJ45 JACK

PART NO. 2RJ3075-198211F

SCALE 4:1 UNIT: mm

SIZE: A3 SHEET: 2 OF 2 REV: B

CUSTOMER COPY