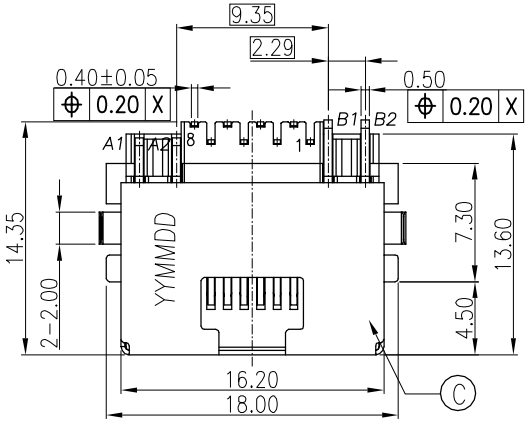
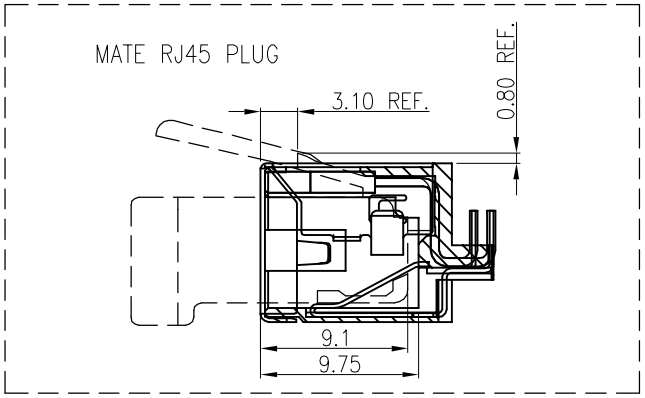
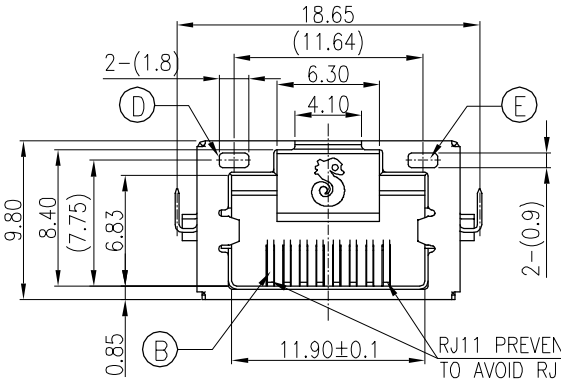
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	ECR NO:S180606-C	ALLEN	2018.07.10

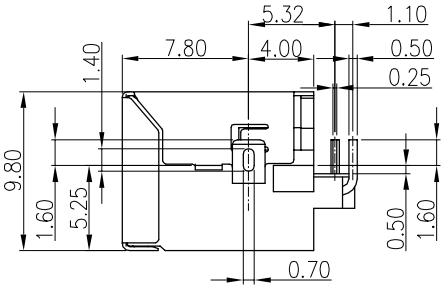


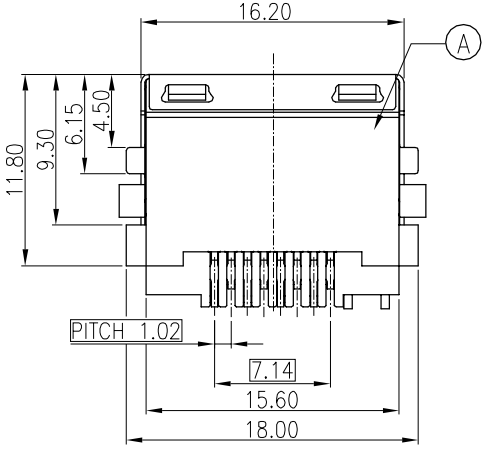


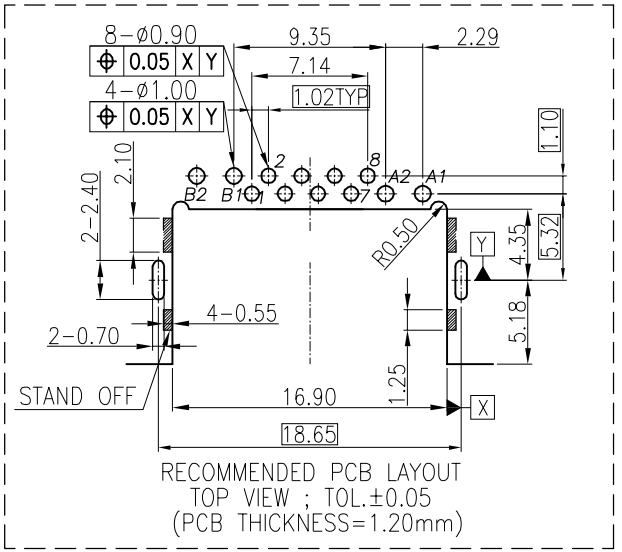
SPECIFICATIONS:

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.
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: O
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.
   - DD: DAY
   - MM: MONTH
   - YY: YEAR









RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05
(PCB THICKNESS=1.20mm)

NODE	COLOR		Wavelength
A1(+) A2(-)	GREEN	A1→A2	564.5~576.5(nm)
B1(+) B2(-)	AMBER	B1→B2	585~597 (nm)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	LED	1		AMBER
D	LED	1		GREEN
C	SHELL	1	COPPER ALLOY	NI PLATING ALL OVER
B	8P8C CONTACT	8	PHOSPHOR BRONZE	G/F ON CONTACT AREA; Matte Sn 120u" ON SOLDER TAIL; ALL OVER Ni 50u"MIN.
A	BODY	1	LCP	UL 94V-0 & BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	RJ45 JACK (Fo Pegatron 專用圖)			
DWN	ALLEN	PART NO. 2RJ3054-138211F		
CHKD	JAMES	SCALE 4:1	UNIT: mm	
APVD	BOYE	SIZE: A3	SHEET:1 / 1	REV: A

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