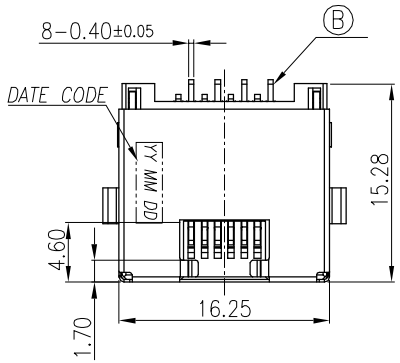
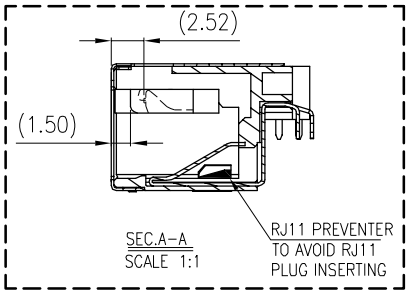
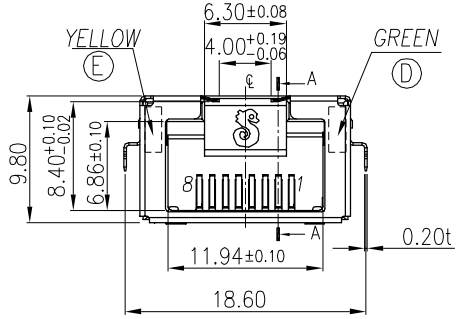
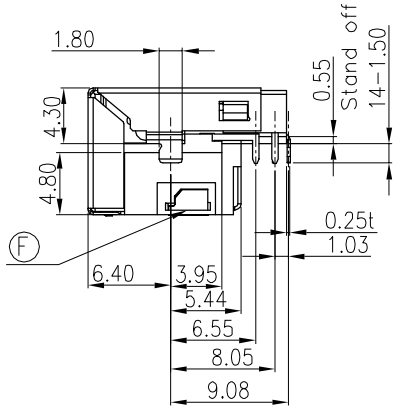
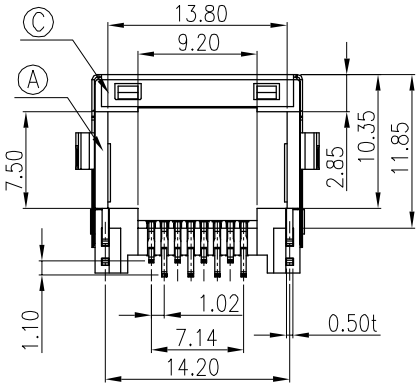
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T170116-3A	ALLEN	2017.12.07

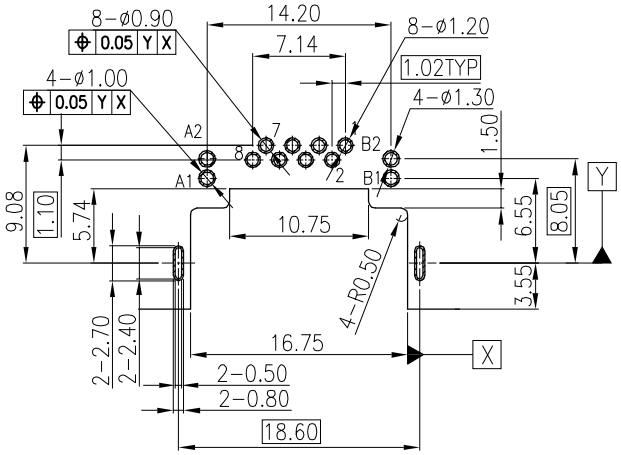












RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05
(PCB THICKNESS=1.00mm)

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: 2.1Kg MAX. WITH LATCH DEPRESSED.
   - 2-3. WITHDRAWAL FORCE: 3.0Kg 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

NODE	COLOR		Wavelength
A2(+) A1(-)	YELLOW	A2→⊳⊲←A1	585~594
B2(+) B1(-)	GREEN	B2→⊳⊲←B1	566~574

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	STOP	2	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & YELLOW
E	LED	1	YELLOW	Matte tin 80u"Min
D	LED	1	GREEN	Matte tin 80u"Min
C	SHELL	1	STAINLESS STEEL	NI PLATING ALL OVER
B	TERMINAL	8	PHOSPHOR BRONZE	NI PLATING ALL OVER G/F ON CONTACT AREA; Matte Sn 120u" ON SOLDER TAIL; ALL OVER Ni 50u"MIN.
A	HOUSING	1	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.25
ANGLES: X :±2° X.X :±1°

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

TITLE	RJ45 JACK		
DWN	ALLEN	PART NO. 2RJ3103-108211F	
CHKD	JAMES	SCALE 4:1	UNIT: mm
APVD	Boye	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY

文件編號: RD-06-043-A