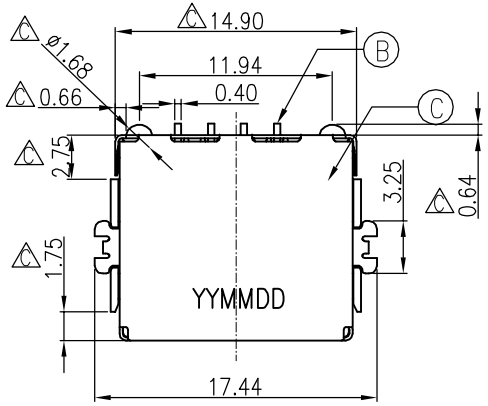
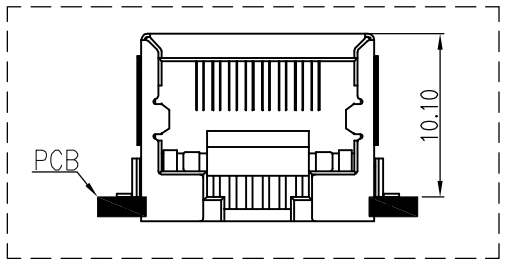
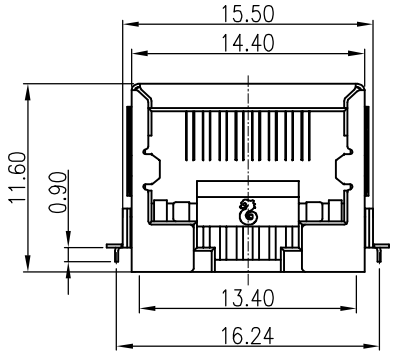
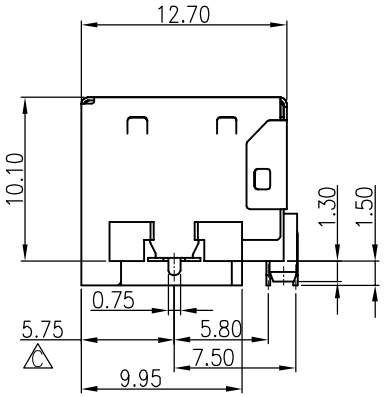
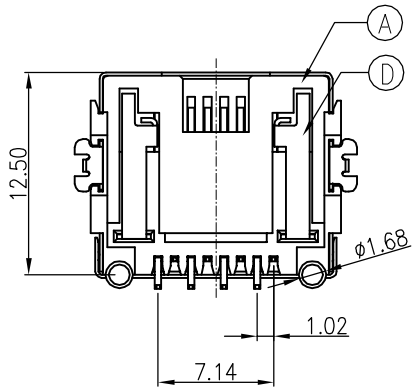
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T111021-4A	Sam	2012.04.05
B	ECR NO:S121211	Soldier	2013.01.17
C	ECN NO:181224-C	Colour	2018.12.20

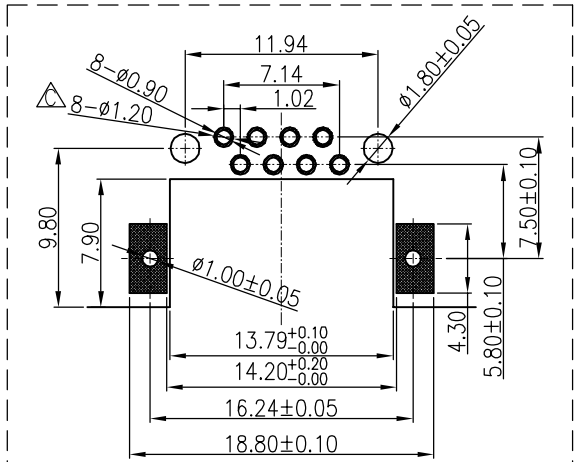












RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05
(PCB THICKNESS=1.20mm)

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 0.5A 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:
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

10/100Base-T		1000Base-T4	
Pin 1	TX+	Pin 1	TX_D1+
Pin 2	TX-	Pin 2	TX_D1-
Pin 3	RX+	Pin 3	RX_D2+
Pin 4	n/c	Pin 4	BI_D3+
Pin 5	n/c	Pin 5	BI_D3-
Pin 6	RX-	Pin 6	RX_D2-
Pin 7	n/c	Pin 7	BI_D4+
Pin 8	n/c	Pin 8	BI_D4-

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	LOCK	2	COPPER ALLOY	
C	SHELL	1	COPPER ALLOY	NI PLATING ALL OVER
B	8P8C CONTACT	8	PHOSPHOR BRONZE 0.30t	G/F ON CONTACT AREA; Matte Sn 120u" ON SOLDER TAIL; ALL OVER Ni 50u"MIN.
A	BODY	1	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

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

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

TITLE	RJ45 JACK			
DWN	pan	PART NO. 2RJ3022-008211F		
CHKD	james	SCALE 4:1	UNIT: mm	
APVD	boye	SIZE: A3	SHEET:1 / 1	REV:C

CUSTOMER COPY

文件編號 RD-06-043-A