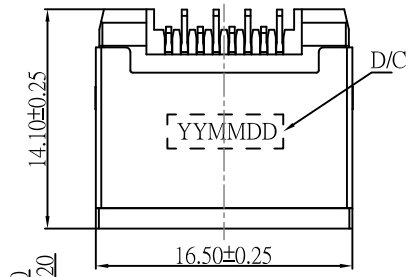
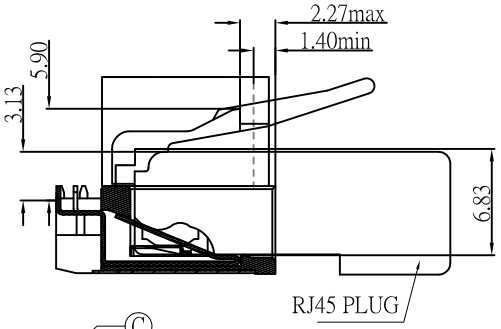
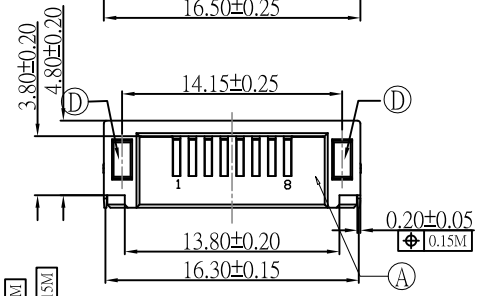
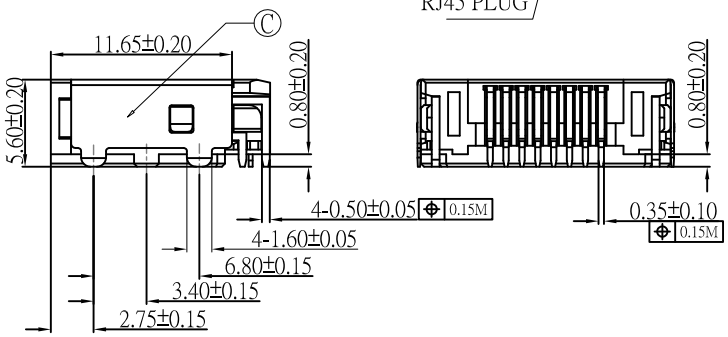
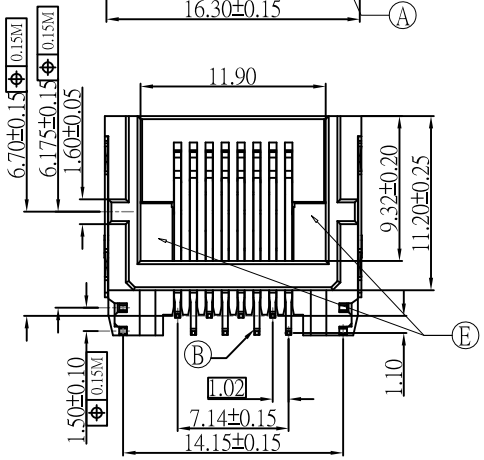
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2016.07.11
B	ECN NO: L170069	EVEN	2017.07.18

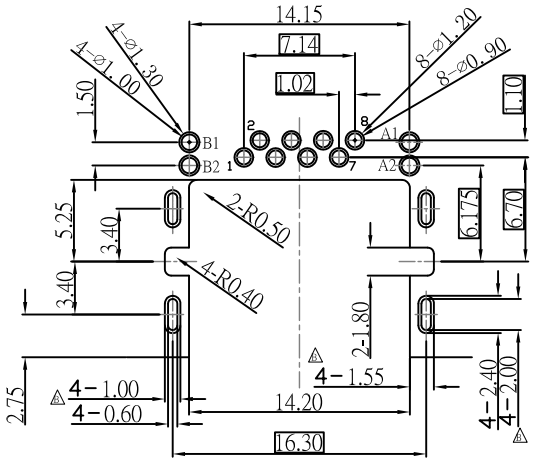




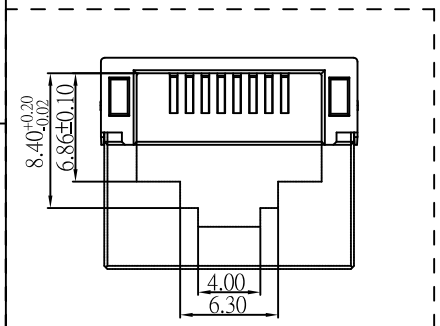








RECOMENDED PCB LAYOUT
TOP VIEW: TOL.±0.05mm
PCB THICKNESS:1.00±0.05



NODE	COLOR	
A1(+) A2(-)	GREEN	A1→ A2
B1(+) B2(-)	AMBER	B1→ B2

SPECIFICATIONS:

1. VOLTAGE RATING: 150 VAC MAX.
2. CURRENT RATING: 1.5 AMP MAX.
3. INSULATION RESISTANCE: 500M OHMS MIN. AT 500 VDC.
4. DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC 60Hz 1 MINUTE.
5. DURABILITY: 5000 CYCLES .
6. OPERATING TEMPERATURE: -30°C TO +70°C.
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
9. PACKAGE: SEE "2RJ1748 SERIES" PACKAGE.
10. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
11. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
12. OTHER GENERAL SPEC. TO REFER "2RJ1748-000111F SPEC".

PART NO.
2RJ1748-000111F

- SUFFIX: HALOGEN FREE
- PACKAGE
  1: TAPE & REEL
- HOUSING COLOR
  1: BLACK
- CONTACT AREA PLATING
  1: GOLD 30u" ON CONTACT AREA,
  MATTE TIN 50u" MIN ON SOLDER AREA.
  30u" MIN NICKEL UNDERPLATED OVERALL.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	STOPPER	2	LCP UL 94V-0	BLACK
D	LED	2	LED	GREEN/AMBER
C	SHIELD	1	STAINLESS STEEL	50u" NICKEL PLATED
B	CONTACT	8	COPPER ALLOY	SEE PART NO.
A	HOUSING	1	PA4T UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED 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, R/A, W/LED, DIP TYPE		
DWN	EVEN 2017.07.18	PART NO. 2RJ1748-000111F	
CHKD	ANGELA2017.07.18	SCALE 3/1	UNIT: mm
APVD	ANGELA2017.07.18	SIZE: A3	SHEET:1 OF 1 REV: B

CUSTOMER COPY

文件編號 RD-06-043-A