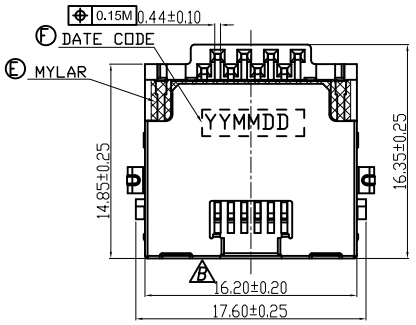
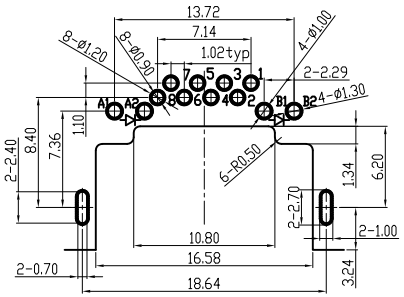
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2015.05.21
B	ECN NO: L150116	IVY-C	2015.10.05

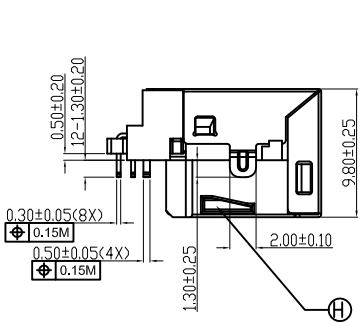


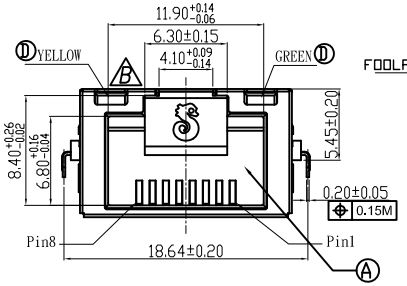


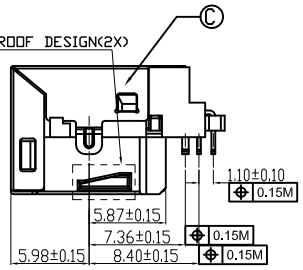
RECOMENDED PCB LAYOUT
TOLERANCE:±0.05mm
RECOMENDED PCB THICKNESS:1.20±0.05

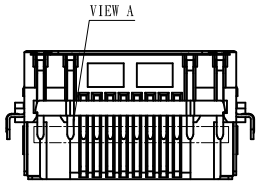
SPECIFICATIONS:

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 "2RJ1684-020213F" 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 " 2RJ1684-020213F SPEC"



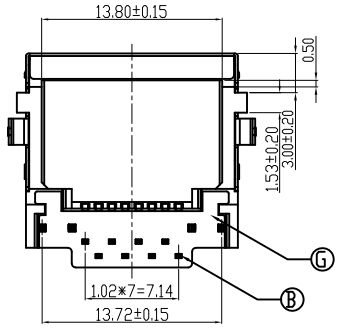


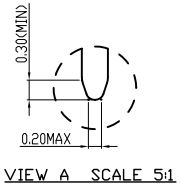




PART NO.
2RJ1684-020213F

- SUFFIX: HALOGEN FREE
- PACKAGE
  3: TAPE AND REEL(For Compal)
- HOUSING COLOR
  1: BLACK
- CONTACT AREA PLATING
  2: 30u" GOLD ON CONTACT AREA, MATTE TIN 50u" MIN ON SOLDER AREA. NICKEL UNDERPLATED OVERALL.





VIEW A SCALE 5:1

LED ELECTRICAL CHARACTERISTIC				
NODE	COLOR	———	WAVELENGTE	FORWARD CURRENT
A1(+) A2(-)	YELLOW	A1 → A2	584-594nm	If=20mA
B1(+) B2(-)	GREEN	B1 → B2	564-577nm	If=20mA

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	STOPPLE	2	LCP UL 94V-0	BLACK
G	COVER	1	LCP UL 94V-0	BLACK
F	INK			BLACK
E	MYLAR	1		YELLOW
D	LED	2	LED	YELLOW/GREEN
C	SHIELD	1	SUS201	NICKEL
B	CONTACT	8	C5210	SEE PART NO.
A	HOUSING	1	PA-10T UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED 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, W/SHIELD, R/A, DIP TYPE, H=5.45mm		
DWN	IVY-C 2015.10.05	PART NO. 2RJ1684-020213F	
CHKD	ANGELA2015.10.05	SCALE:N/A	UNIT: mm
APVD	ANGELA2015.10.05	SIZE: A3	SHEET:1 OF 1 REV: B

CUSTOMER COPY

文件編號 RD-06-043-A