

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2012.07.10
B	ECN NO: L202109-003	EVEN	2022.01.11

- SPECIFICATIONS:
- VOLTAGE RATING: 150 VAC MAX.
  - CURRENT RATING: 1.5 AMP MAX.
  - INSULATION RESISTANCE: 1000M OHMS MIN. AT 500 VDC.
  - DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC 60Hz 1 MINUTE.
  - DURABILITY: 5,000 CYCLES .
  - OPERATING TEMPERATURE: -30°C TO +70°C.
  - OTHER GENERAL SPEC. TO REFER "2RJ1610 SERIES SPEC".
  - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  - PACKAGE: SEE "2RJ1610 SERIES" PACKAGE.
  - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
  - MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.



**PART NO.**  
**2RJ1610-000111F**

**SUFFIX: HALOGEN FREE**

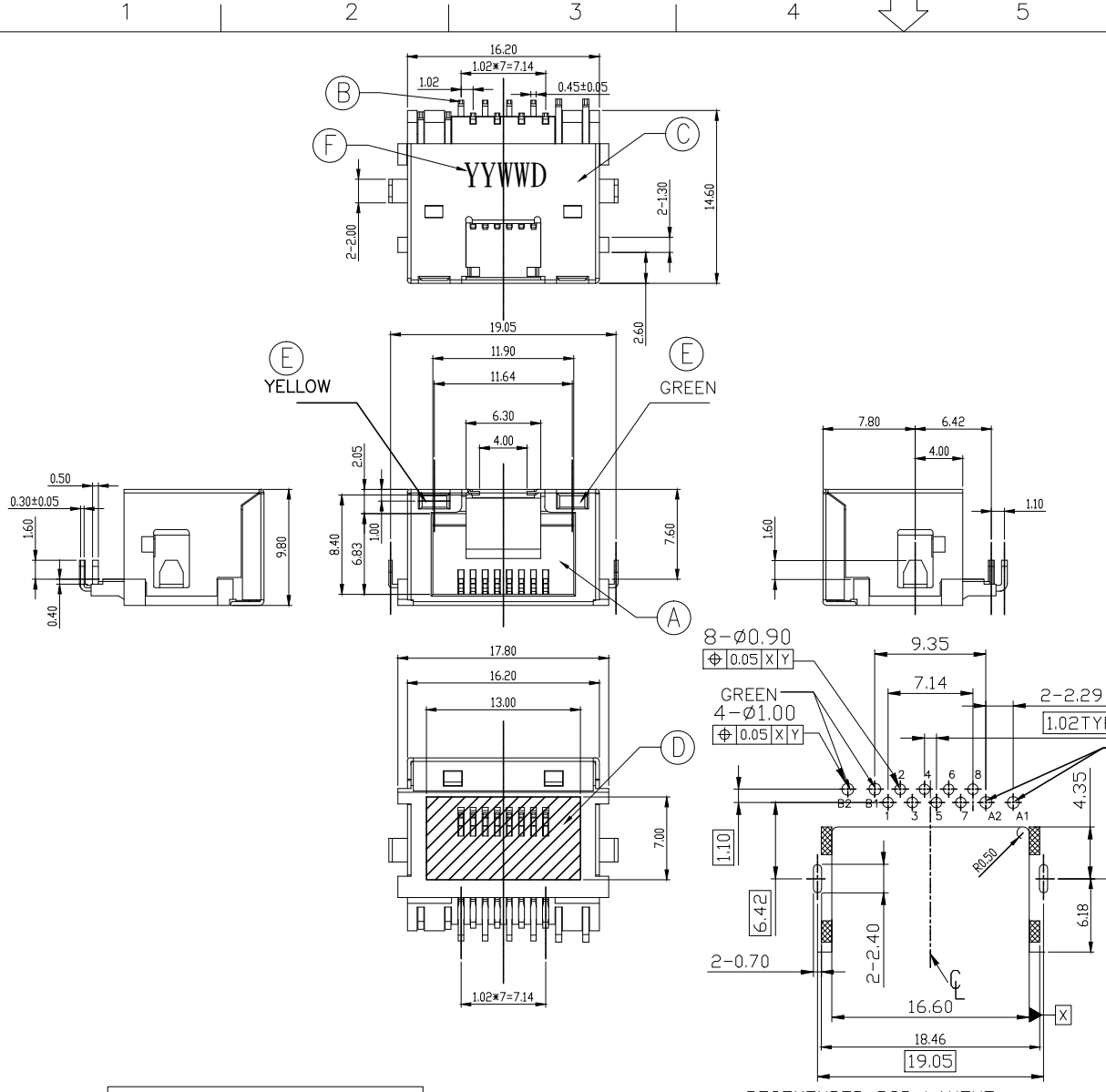
**PACKAGE**  
**1: TAPE AND REEL**

**HOUSING COLOR**  
**1: BLACK**

**CONTACT AREA PLATING**  
**1: GOLD FLASH(1u" MIN.) ON CONTACT AREA,**  
**80~160u"MATTE TIN PLATING ON SOLDER AREA**  
**30~80u" NICKEL UNDER PLATING OVERALL**

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	INK			BLACK
E	LED	2	LED	YELLOW/GREEN
D	MYLAR	1	KAPTON FILM	YELLOW
C	SHIELD	1	STAINLESS STEEL	NICKEL 30~80u"
B	CONTACT	8	COPPER ALLOY	SEE PART NO.
A	HOUSING	1	HIGHT TEMP. THERMOPLASTIC , UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES		信音科技(香港)有限公司	
TITLE	RJ45 JACK, W/SHIELD, W/LED, DIP, SINKING TYPE		
DWN	EVEN 2022.01.11	<b>PART NO. 2RJ1610-000111F</b>	
CHKD		SCALE: 2.5:1	UNIT: mm
APVD	ANGELA 2022.01.11	SIZE: A3	SHEET: 1 OF 1
<b>REV: B</b>			
<b>CUSTOMER COPY</b>			



**RECOMENDED PCB LAYOUT**

TOLERANCE: ±0.05mm(TOP VIEW)

- RECOMENDED PCB THICKNESS: 1.20±0.05
- PROCESSING TEMPTUR SHOULD NOT EXCEED 260 CENTIGRADE
- STAND OFF:

LED ELECTRICAL CHARACTERISTIC		
NOTE	COLOR	
A1(+)	A2(-)	YELLOW
B1(+)	B2(-)	GREEN