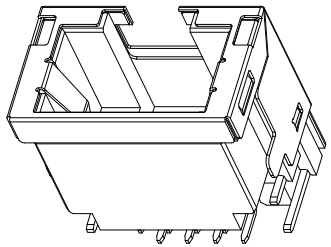
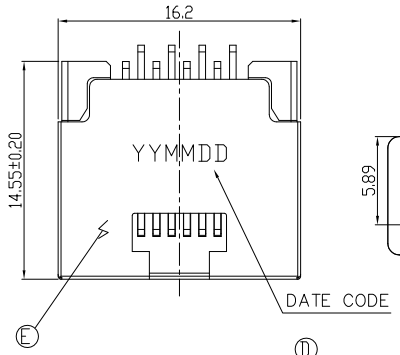
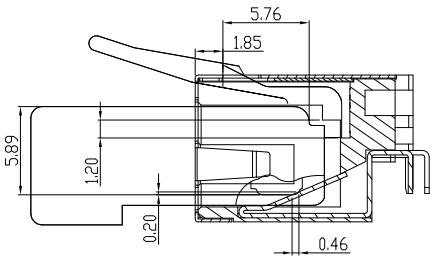
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2020.11.10



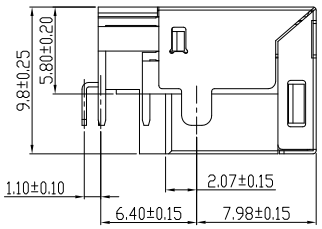


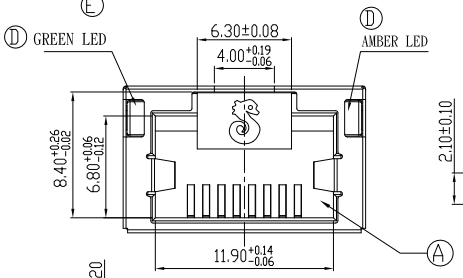


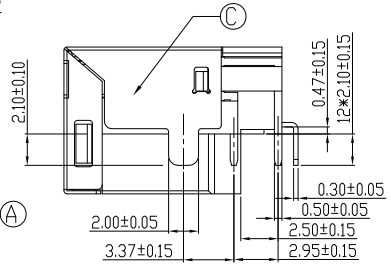
MATE RJ45 PLUG

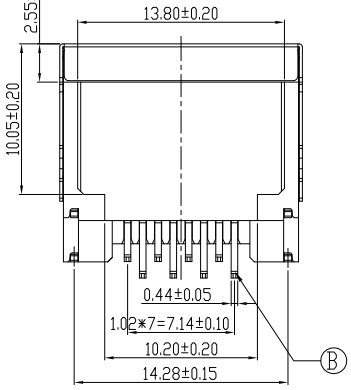
SPECIFICATIONS:

1. VOLTAGE RATING: 150 VAC MAX.
2. CURRENT RATING: 1.5 AMP MAX.
3. INSULATION RESISTANCE: 200M 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. OTHER GENERAL SPEC. TO REFER "2RJ1693−011211F SPEC".
8. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
9. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
10. PACKAGE: SEE "2RJ1693−011211F" PACKAGE.
11. FOR REFLOW SOLDERING LEAD−FREE PROCESS.
12. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.









PART NO.
2RJ1693−011211F

LED COLOR
1: Right:AMBER
Left: GREEN

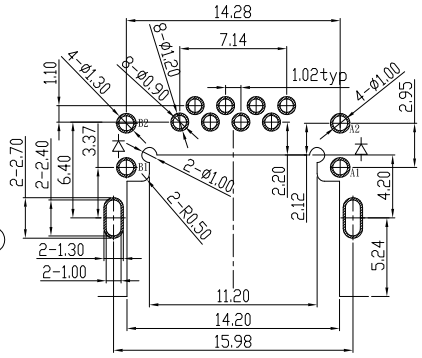
SUFFIX: HALOGEN FREE

PACKAGE
1: TAPE AND REEL

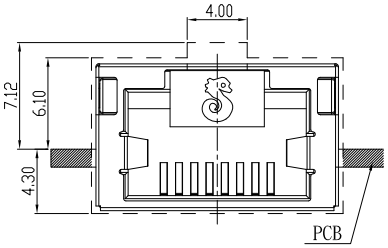
HOUSING COLOR
1: BLACK

CONTACT AREA PLATING
2: 50u"GOLD ON CONTACT AREA,
MATTE TIN 80u" Min ON SOLDER TAIL
All OVER NI 30u" MIN.

LED ELECTRICAL CHARACTERISTIC					
NODE	COLOR		DOMINANT WAVELENGTH	FORWARD VOLTAGE	LUMINORS INTENSITY
A1(+) A2(−)	AMBER	A1 ▷◁ A2	585~595nm	2.6V MAX	1~15 MCD
B1(+) B2(−)	GREEN	B1 ▷◁ B2	565~574nm	2.6V MAX	1~15 MCD



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



SUGGESTION OPENING

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	FIXED PIECE	1	SUS 301	
D	LED	2	GREEN/AMBER	TIN PLATING
C	SHIELD	1	SUS 201	50u" MIN. NICKEL
B	CONTACT	8	C5210	SEE PART NO.
A	HOUSING	1	PA10T 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°

信音科技(香港)有限公司

TITLE	RJ45 JACK, W/SHIELD, R/A, DIP TYPE, H=5.8mm		
DWN	EVEN 2020.11.10	PART NO. 2RJ1693−011211F	
CHKD		SCALE:N/A	UNIT: mm
APVD	ANGELA2020.11.10	SIZE: A3	SHEET:1 OF 1	REV:A

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文件編號: 7F−02−R013−A