

A. MECHANICAL(UNIT:mm)

RJ45 MECHANICAL NOTES:

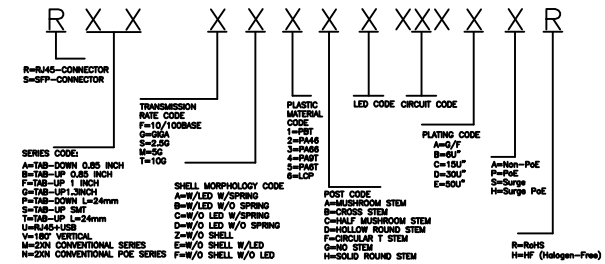
REV	ECN NO	DESCRIPTION	DATE
A	/	New Drawing	2025/6/5

- 1.THE PRODUCT IS ROHS COMPLIANT.
- 2.ALL DIMENSIONS FOLLOW :
-FCC SUBPART F, 68,500, FIGURE (C)(2)(I) & (C)(2)(II) & (C)(3)(I) IEC 60603-7
-ALL PLUGS MUST BE MEETING THE REQUIREMENTS OF PLUG GO & NO-GO GAUGE.
- 3.GAUGE FOLLOW : FCC SUBPART F, 68,500, FIGURE (C)(4)(I) & (C)(5)(I)
-THERE MUST BE NO DAMAGE TO HOUSING AND LOCKING LATCH.
-THERE MUST BE NO NICKS AND CUTS IN CABLE.
- 4.PART CAN BE RECOMMENDED FOR REFLOW SOLDERING PROCESS.
PEAK REFLOW SOLDERING TEMPERATURE IS 260°C MAX,10SECONDS MAX.
- 5.OPERATING TEMPERATURE:-40 TO +85°C;
- 6.STORAGE TEMPERATURE: -40 TO +85°C

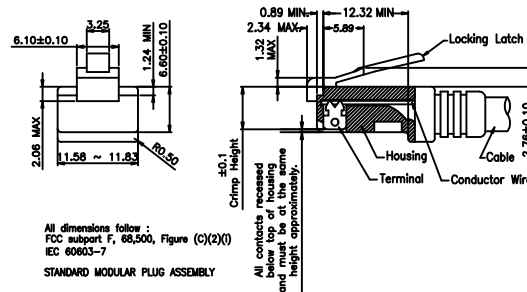
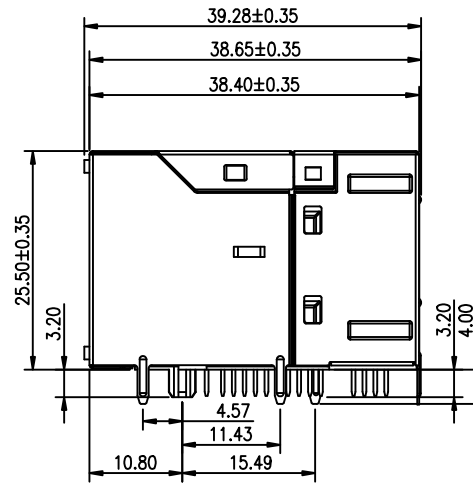
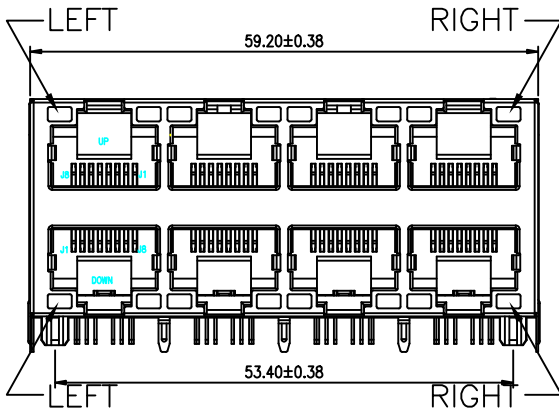
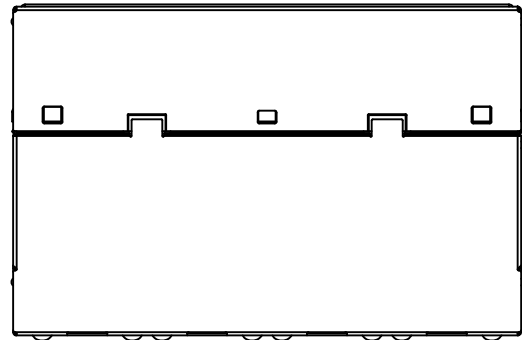
7.MATERIAL:

- 7.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC LCP,
FLAMMABILITY RATING ,UL 94V-0; COLOR:BLACK.
- 7.2 SHELL: BRASS C2680H, THICKNESS=0.20mm.PLATING NICKEL 30u"Min;
- 7.3 RJ TERMINAL: HIGH TEMPERATURE THERMOPLASTIC LCP,COLOR:BLACK;
UL 94V-0;
PIN:THICKNESS=0.30mm.PHOS-BRONZE C5210EH.
PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.
100u" MIN TIN ON SOLDER TAIL.
50u" GOLD ON CONTACT AREA.
- 7.4 INPUT TERMINAL: HIGH TEMPERATURE THERMOPLASTIC LCP COLOR:BLACK;
PHY PIN:THICKNESS=0.30mm. BRASS C2680EH.
LED PIN:THICKNESS=0.45mm. BRASS C2680EH.
PLATING: 50u" MIN NICKEL UNDERPLATING ALL AREA.
100u" MIN TIN ON SOLDER TAIL.
- 7.5 LIGHT PIPE : PC, TRANSPARENT

8.CODING PRINCIPLES



X. ± 0.40	APPD: JASON	深圳市金航标电子有限公司	
.X ± 0.30	CHKD: LOUIS	PART NO: KH-RN4-GB6BYOGDEPR	
.XX ± 0.25	DR: LIANG	TITLE: 2X4Port 10/100/100M BASE POE+ RJ45 JACK Magnetics	
.XXX ± 0.20	UNITS: mm	SHEET: 1 OF 2	REV: A
X' ± 3'	.X' ± 2'	SCALE: 1:1	DWG NO: RN4-0012
			REMARK: XXX-XXXX



All dimensions follow :
FCC subpart F, 68,500, Figure (C)(2)(I)
IEC 60603-7
STANDARD MODULAR PLUG ASSEMBLY

All contacts recessed below top of housing and must be at the same height approximately.

REV: A	DWG NO: RN4-0012	REMARK: XXX-XXXX	RoHS Compliant
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