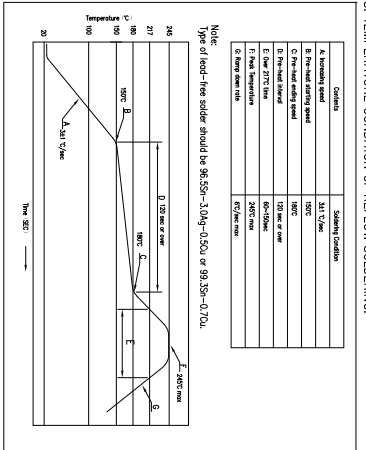
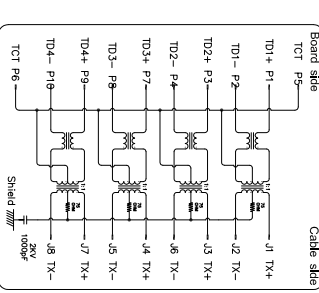


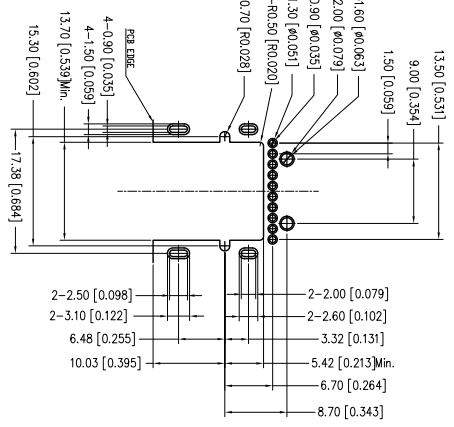
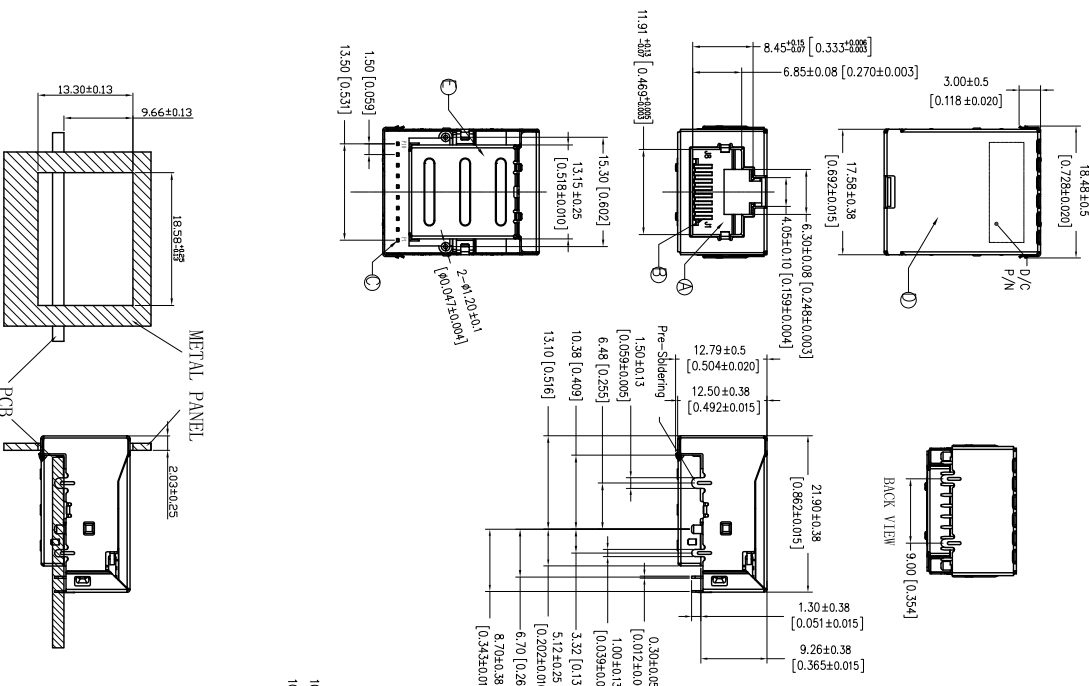
**ELECTRICAL CHARACTERISTICS:**

- 1. INSERTION LOSS:
  - 1~100 MHz -1.0dB MAX.
- 2. RETURN LOSS(LOAD 100Ω):
  - 1~40 MHz -18dB MIN
  - 40~100 MHz -12+20\*log(f/80MHz)dB MIN
- 3. COMMON MODE REJECTION
  - 1~100 MHz -30dB MIN
- 4. CROSS TALK
  - 1~100 MHz -30dB MIN
- 5. INDUCTANCE @ 100kHz, 0.1V, 8mA DC BIAS
  - (P1-P2),(P3-P4),(P7-P8),(P9-P10): 350 pF MIN
- 6. DCR
  - (J1-J2),(J3-J6),(J4-J5),(J7-J8): 1.2 OHM MAX
- 7. HI-POT TEST
  - BOARD SIDE TO CABLE SIDE: 1500VAC 60S OR 2250VDC 60S
- 8. TURN RATIO 100kHz
  - (P1-P2) : (J1-J2) = 1:1 ±K3
  - (P3-P4) : (J3-J6) = 1:1 ±K3
  - (P7-P8) : (J4-J5) = 1:1 ±K3
  - (P9-P10) : (J7-J8) = 1:1 ±K3



Condition	Soldering Condition
A. Soldering speed	300~350°C/min
B. Pre-heat drying speed	50°C/min
C. Pre-heat temperature	120°C for 5 min
D. Pre-heat time	120°C for 5 min
E. Time at T1/T2/T3	10s/10s/10s
F. Heat input	2400W
G. Heat input area	400mm²

- SPECIFICATION:**
1. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  2. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  3. PACKAGE: SEE 21J3Y29-00011F PACKAGE.
  4. FOR WAVE SOLDERING LEAD-FREE PROCESS.
  5. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
  6. R445 SPECIFICATIONS.
  7. INSULATION RESISTANCE: 500VDC 500 MOHMS MIN.
  8. REMOVAL FORCE WITH THE LATCH DEPRESSED: 22N MAX.
  9. REMOVAL FORCE WITH THE LATCH DEPRESSED: 44N MAX.
  10. DURABILITY: 1500 CYCLES.
  11. OPERATING AND STORAGE TEMPERATURE: -40°C TO +70°C.
  12. STORAGE TEMPERATURE: -40°C TO +85°C.
  13. TEMPERATURE CONDITION OF REFLOW SOLDERING:



RECOMMENDED PCB LAYOUT  
(COMPONENT SIDE VIEW)  
TOLERANCE: ±0.05 [0.002]

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:1230717-1A	JIANGTAO	2024.01.19

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	HOUSING	1	LCP+30%GF/F	UL 94V-0 & BLACK
B	RJ CONTACTS	8	C5210R-H1=0.3mm	50μ" Au SELECT GOLD ON CONTACT AREA 100μ" MIN TIN PLATING ON SOLDER TAILS, 30μ" MIN NICKEL OVERALL
C	SOLDER TAIL TERMINAL	10	C2680R-EH, T=0.30mm	100μ" MIN MATTE TIN 30μ" MIN NICKEL OVERALL
D	UPPER SHIELD	1	STAINLESS THICKNESS=0.20MM	PRE-SOLDERING
E	LOWER SHIELD	1	STAINLESS THICKNESS=0.15MM	UNPLATED

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

DMW : JIANGTAO PART NO. 21J3Y29-000111F  
CHKD : ALLEN SCALE 1:1 UNIT: mm  
APVD : BOYE SIZE: A3 SHEET: 10F1 REV: A

CUSTOMER COPY