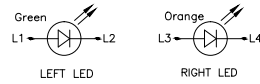
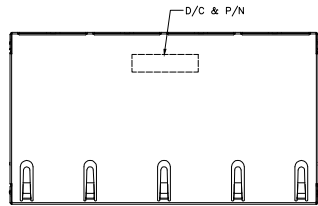


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2022.06.28



Emitting Color	λp (nm)	Vf @If=20mA	Ir @Vr=5V
Green	565	1.7V~2.6V	10μA max.
Orange	605	1.7V~2.6V	10μA max.

PART NO.  
2TJ1669-001111H

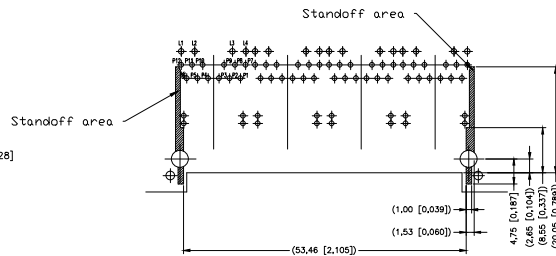
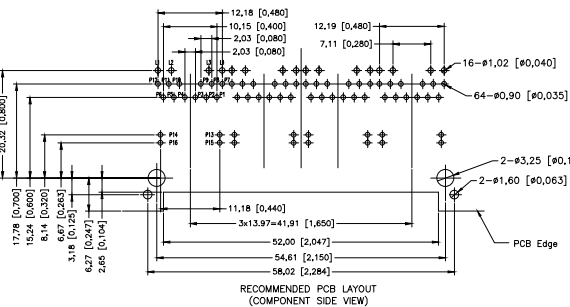
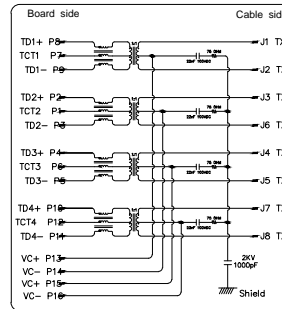
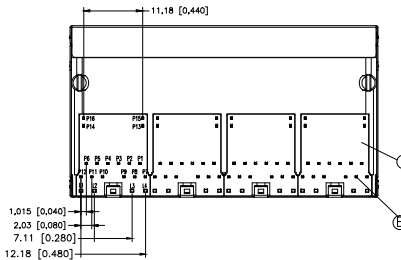
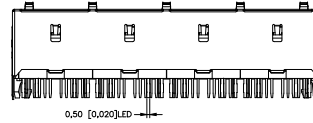
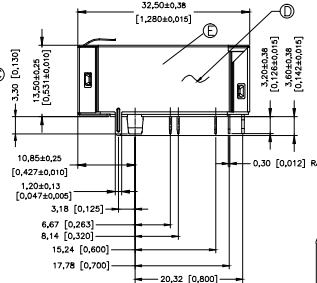
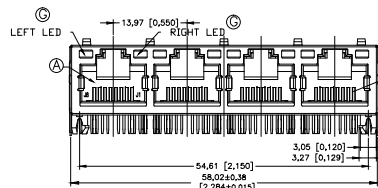
- SUFFIX: HALOGEN
- PACKAGE: 1: TRAY
- HOUSING COLOR: 1: BLACK
- CONTACT PLATING: 1: GOLD FLASH(1μMIN.) ON CONTACT AREA  
100% TIN PLATED ON SOLDER AREA  
30% NICKEL UNDERPLATED OVERALL

SPECIFICATION:

1. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
2. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
3. PACKAGE: SEE "2TJ1669-001111H" PACKAGE.
4. FOR WAVE SOLDERING LEAD-FREE PROCESS.
5. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
6. RJ45 SPECIFICATIONS
  - INSULATION RESISTANCE : 500 MOHMS MIN
  - INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
  - REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
  - DURABILITY :750 CYCLES
7. OPERATING AND STORAGE TEMPERATURE
  - OPERATING TEMPERATURE : 0°C TO +70°C
  - STORAGE TEMPERATURE : -40°C TO +85°C
8. OTHER GENERAL SPEC. TO REFER "2TJ1669-001111H SPEC".

ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
  - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
  - 1~30 MHz -18dB MIN
  - 30~60 MHz -16dB MIN
  - 60~80 MHz -12dB MIN
  - 80~100 MHz -10dB 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
  - (P8~P9),(P2~P3),(P4~P5),(P10~P11) : 350 nH MIN
6. HI-POT TEST
  - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
7. TURNS RATION 100KHz
  - (P8~P9) : (J1~J2) = 1:1 ±2%
  - (P2~P3) : (J3~J6) = 1:1 ±2%
  - (P4~P5) : (J4~J5) = 1:1 ±2%
  - (P10~P11) : (J7~J8) = 1:1 ±2%
8. BALANCED DC LINE CURRENT
  - 360mA MAX@57VDC CONTINUOUS



G	LED	8	GREEN/ORANGE	
F	CASE	1	LCP UL 94V-0	BLACK
E	SHELL	1	SUS304	PRE-SOLDERING
D	PCB	1		
C	OUTPUT CONTACT	32	C5210	SEE PART NO.
B	INPUT CONTACT	64	C2680	TIN PLATED
A	HOUSING	1	PA6T UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

信音科技(香港)有限公司

DECIMALS: ANGLES:  
X :±0.5 X :±2°  
X.X :±0.38 X.X :±1°  
X.XX :±0.2

TITLE	RJ45 IMC,1X4,1GBASE-T,w/POE		
DWN	ENH 2022.06.28	PART NO. 2TJ1669-001111H	
CHKD		SCALE2.5:1	UNIT: mm
APVD	INXZLA 2022.06.28	SIZE: A3	SHEET:1 OF 1
			REV:A

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