

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN NO:S180911-C	PAN	2018.09.10
C	ECN NO: L202005-C06	EVEN	2020.06.19
D	ECN NO: L202210-R01	EVEN	2022.11.22

**SPECIFICATION:**

- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- PACKAGE: SEE "2TJ1575-511X12F SERIES" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
- ELECTRICAL
  - INSULATION RESISTANCE : 500 MOHMS MIN
  - DIELECTRIC WITHSTANDING VOLTAGE : 1500 VAC FOR 1 MINUTE
- DURABILITY TEST RATING
  - INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
  - REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
  - DURABILITY :750 CYCLES
- OPERATING AND STORAGE TEMPERATURE
  - OPERATING TEMPERATURE : -40°C TO +85°C
  - STORAGE TEMPERATURE : -40°C TO +85°C
- OTHER GENERAL SPEC. TO REFER "2TJ1575-511X12F SPEC".

**ELECTRICAL CHARACTERISTICS :**

- INSERTION LOSS :
  - 1~100 MHZ -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :
  - 1~30 MHZ -18dB MIN
  - 30~60 MHZ -16dB MIN
  - 60~80 MHZ -12dB MIN
  - 80~100 MHZ -10dB MIN
- COMMON MODE REJECTION
  - 1~100 MHZ -30dB MIN
- CROSS TALK
  - 1~100 MHZ -30dB MIN
- INDUCTANCE @ 100KHZ, 0.1V, 8MA DC BIAS
  - (P1-P2),(P3-P4),(P7-P8),(P9-P10) : 350 uH MIN
- DCR
  - (J1-J2),(J3-J6),(J4-J5),(J7-J8) : 1.2 OHM MAX
- HI-POT TEST
  - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- URNS RATION 100KHZ
  - (P1-P2) : (J1-J2) = 1:1 ±%5
  - (P3-P4) : (J3-J6) = 1:1 ±%5
  - (P7-P8) : (J4-J5) = 1:1 ±%5
  - (P9-P10) : (J7-J8) = 1:1 ±%5

**PART NO.**  
2TJ1575-511X12F

**LED CODE**  
5: L:WHITE / R:AMBER

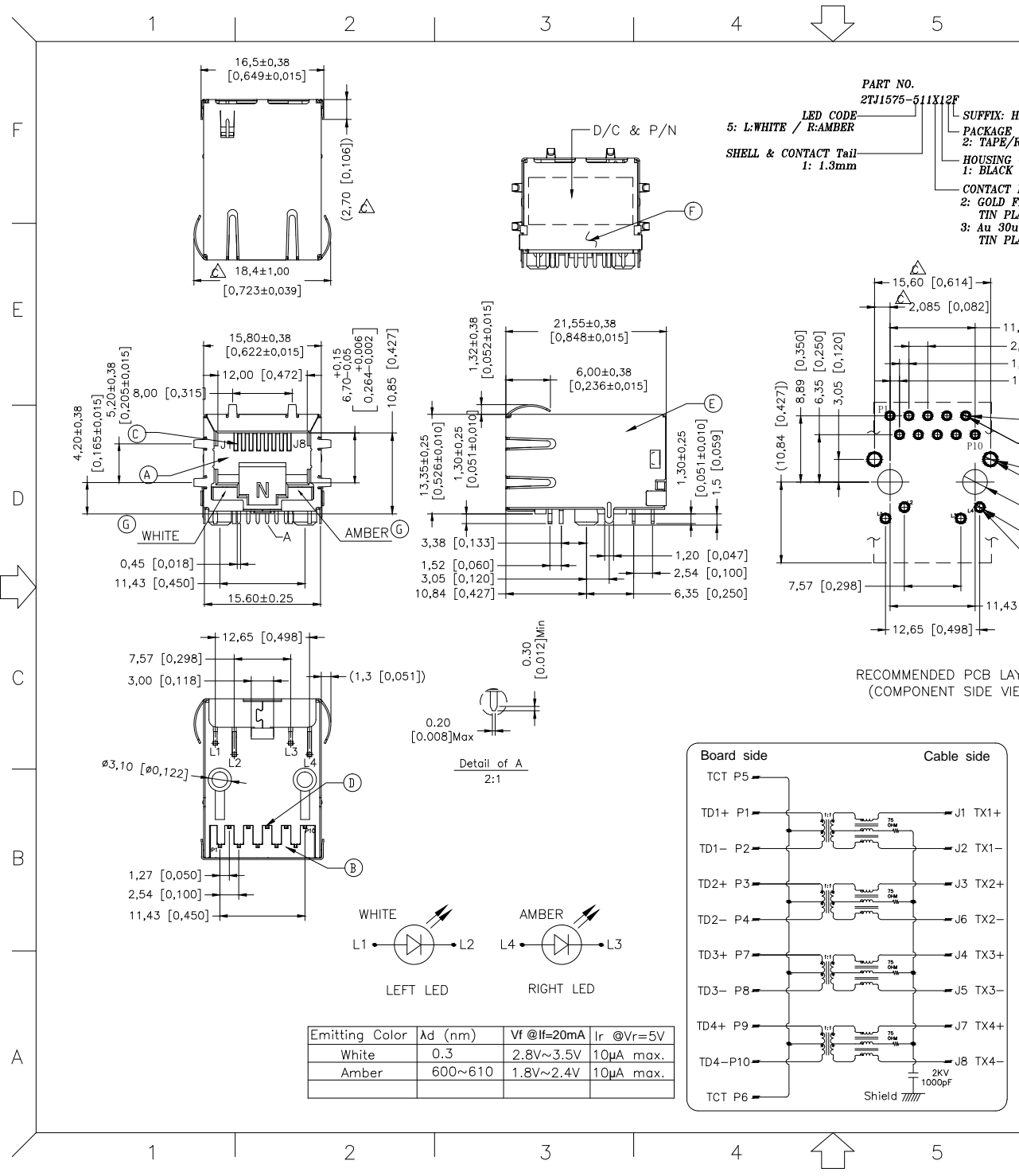
**SUFFIX: HALOGEN FREE**

**PACKAGE**  
2: TAPE/REEL

**HOUSING COLOR**  
1: BLACK

**CONTACT PLATING**  
2: GOLD FLASH ON CONTACT AREA;  
TIN PLATED ON SOLDER AREA  
3: Au 30u" ON CONTACT AREA;  
TIN PLATED ON SOLDER AREA

**SHELL & CONTACT Tail**  
1: 1.3mm



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	LED	2	LED	WHITE/AMBER
F	PCB	1		
E	SHELL	1	SUS 304	NICKEL PLATED OVERALL. TIN PLATED ON SOLDER AREA
D	INPUT CONTACT	10	C2680	TIN PLATED
C	OUTPUT CONTACT	8	C5210	SEE PART NO.
B	BASE	1	LCP UL 94V-0	BLACK COLOR
A	HOUSING	1	PA10T UL 94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES		信音科技(香港)有限公司	
DECIMALS:	ANGLES:	TITLE	RJ45 JACK, W/LED, W/MAGNETIC, W/SHIELD, R/A, DIP TYPE
X :±0.5	X :±2°	DWN	EVEN 2022.11.22 PART NO. 2TJ1575-511X12F
X.X :±0.3	X.X :±1°	CHKD	SCALE:1.8/1 UNIT: mm
X.XX :±0.2		APVD	TERESA 2022.11.22 SIZE: A3 SHEET:1 OF 1 REV:D

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