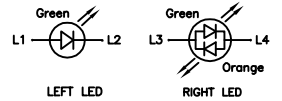
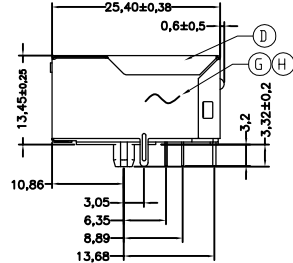
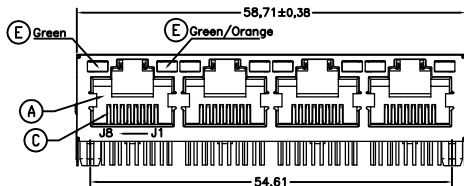


PART NO.
2TJ1600-000111F

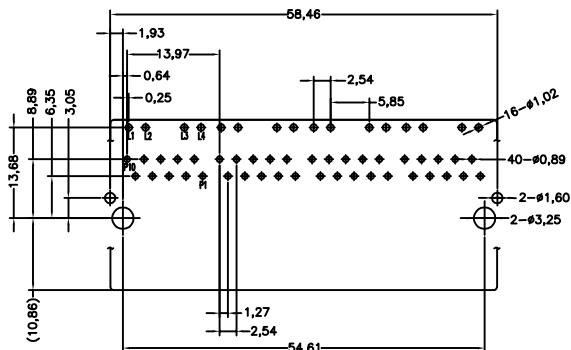
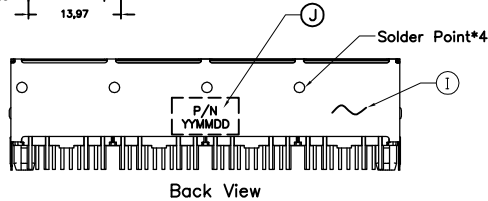
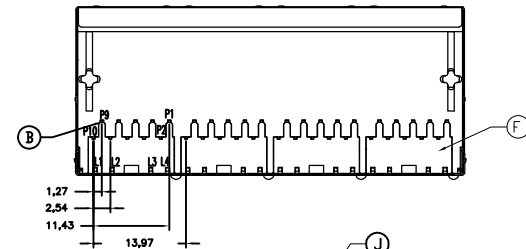
SUFFIX: HALOGEN FREE
PACKAGE
1: TRAY
HOUSING COLOR
1: BLACK

CONTACT PLATING

1: GOLD FLASH PLATED ON CONTACT AREA
TIN PLATED ON SOLDER AREA.
NICKEL UNDERPLATED OVERALL

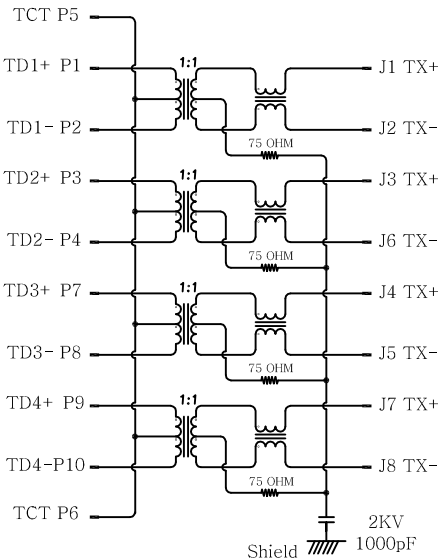


Emitting Color	λ_p (nm)	Vf @ If=20mA	Ir @ Vr=5V
Green	565	1.7V~2.6V	10.0A max.
Orange	610	1.7V~2.6V	10.0A max.



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)

Board side Cable side



SPECIFICATION:

- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- PACKAGE: SEE "2TJ1600 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 : 0°C TO +70°C
 - STORAGE TEMPERATURE : -40°C TO +85°C

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
- OCL @ 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) : 1.2Ω MAX
- HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- URNS RATION 100KHz
 - (P1~P2) : (J2~J1) = 1:1 ±5%
 - (P3~P4) : (J6~J3) = 1:1 ±5%
 - (P7~P8) : (J5~J4) = 1:1 ±5%
 - (P9~P10) : (J8~J7) = 1:1 ±5%
- OTHER GENERAL SPEC. TO REFER "2TJ1600 SERIES SPEC".

J	INK		BLACK COLOR
I	MYLAR	1	YELLOW COLOR
H	INSERT MOLD	4	LCP UL 94V-0
G	PCB	4	
F	BASE	4	PA-10T UL 94V-0
E	LED	8	GREEN/GREEN;ORANGE
D	SHELL	1	STAINLESS
C	OUTPUT CONTACT	32	COPPER ALLOY
B	INTPUT CONTACT	40	COPPER ALLOY
A	HOUSING	1	PA-10T UL 94V-0
NO	DESCRIPTION	QTY	MATERIAL
UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS: ANGLES:		TITLE RJ45 w/ Transformer, w/ LED	
X :±0.5	X :±2°	DWN	NY-C 2014.09.08
X.X :±0.3	X.X :±1°	CHKD	SCALE:N/A
X.XX :±0.2		APVD	ANGEL/2014.09.08
		SIZE: A3	SHEET:1 OF 1
		REV: A	
CUSTOMER COPY			