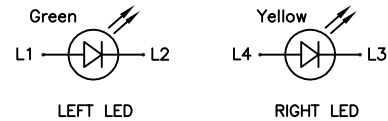


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2015.08.07



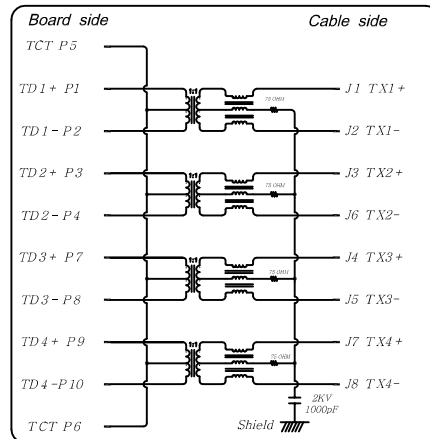
Emitting Color	λ_p	$V_f @ I_f=20mA$	$I_r @ V_r=5V$
Green	525	1.7V~2.6V	10 μ A max.
Yellow	585	1.7V~2.6V	10 μ A max.

- SPECIFICATION:**
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - PACKAGE: SEE "2TJ1575-001211F 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

ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :
 - 1~100 MHz : -1.0dB MAX.
- RETURN LOSS(LOAD 100 Ω) :
 - 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 nH 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
- TURN RATION 100kHz
 - (P1-P2) : (J1-J2) = 1:1 $\pm$ 5%
 - (P3-P4) : (J3-J6) = 1:1 $\pm$ 5%
 - (P7-P8) : (J4-J5) = 1:1 $\pm$ 5%
 - (P9-P10) : (J7-J8) = 1:1 $\pm$ 5%
- OTHER GENERAL SPEC. TO REFER "2TJ1575-001211F SPEC".

RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)



PART NO.
2TJ1575-001211F

SUFFIX: HALOGEN FREE

PACKAGE
1: TRAY
HOUSING COLOR
1: BLACK
CONTACT PLATING
2: GOLD FLASH ON CONTACT AREA;
TIN PLATED ON SOLDER AREA

LED CODE
0: L:GREEN ; R:YELLOW

H	LED	2	LED	YELLOW/GREEN
G	INK	-	INK	BLACK
F	PCB	1		
E	SHELL	1	STAINLESS STEEL	TIN PLATED ON SOLDER AREA
D	INPUT CONTACT	8	COPPER ALLOY	TIN PLATED
C	OUTPUT CONTACT	10	COPPER ALLOY	SEE PART NO.
B	BASE	1	LCP UL 94V-0	BLACK COLOR
A	HOUSING	1	PA-10T UL 94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		 Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
DECIMALS: ANGLES:		TITLE RJ45 JACK, W/LED, W/MAGNETIC, W/SHIELD, R/A, DIP TYPE		
X :±0.5	X :±2°	DWN	NY-C 2015.08.07	PART NO. 2TJ1575-001211F
X.X :±0.3	X.X :±1°	CHKD	ANGELA2015.08.07	SCALE:1.8/1 UNIT: mm 
X.XX :±0.2		APVD	ANGELA2015.08.07	SIZE: A3 SHEET:1 OF 1 REV: A
CUSTOMER COPY				