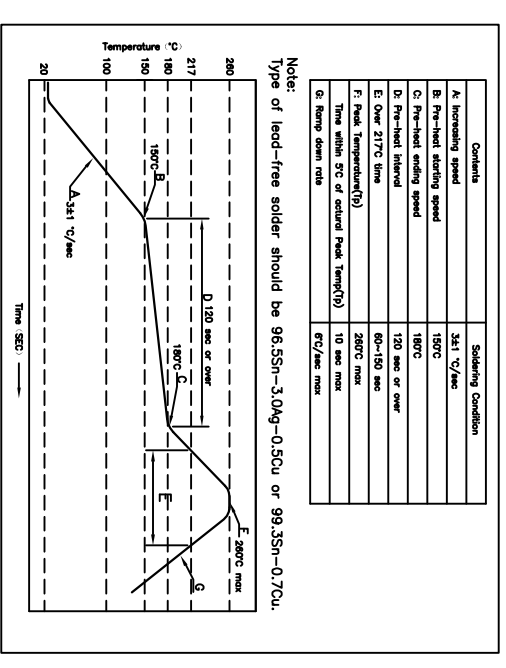
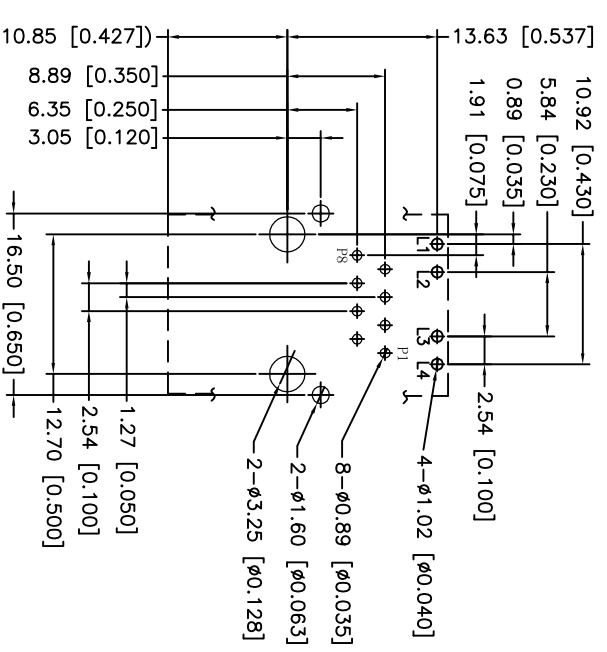


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	Even	2016.11.18

- SPECIFICATION:**
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: **[G.P. PASS]**
 - PACKAGE: SEE "21J1591-021211H" PACKAGE.
 - MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
 - ELECTRICAL RESISTANCE : 500 MOHMS MIN
 - INSULATION WITHSTANDING VOLTAGE : 1500 VAC FOR 1 MINUTE
 - 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
 - TEMPERATURE CONDITION OF REFLOW SOLDERING:

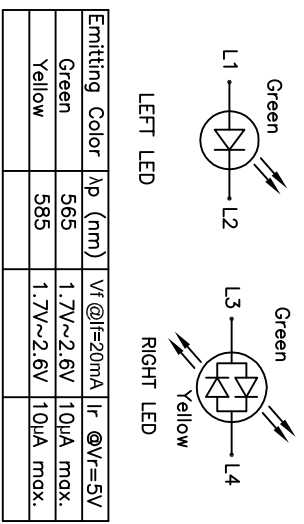
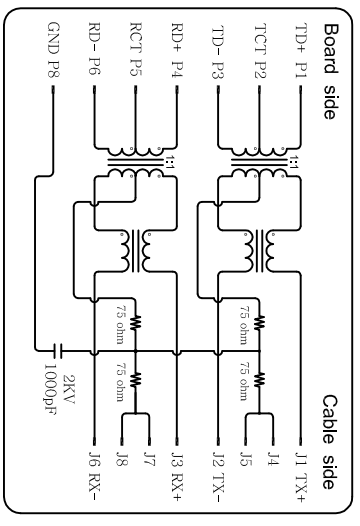


Note: Type of lead-free solder should be 96.5Sn-3.0Ag-0.5Cu or 99.3Sn-0.7Cu.



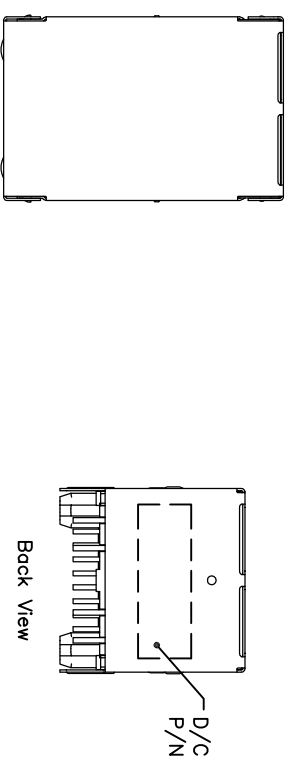
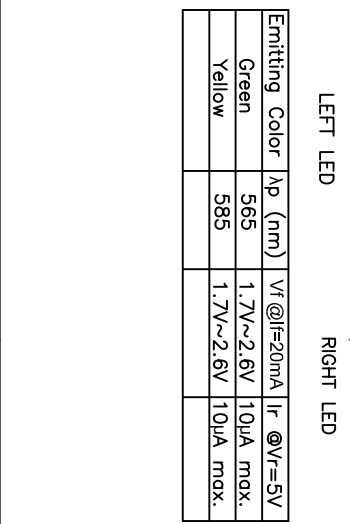
ELECTRICAL CHARACTERISTICS :

- 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
- COMMON MODE REJECTION
- 1~100 MHz -30dB MIN
- GROSS TALK -30dB MIN
- 1~100 MHz
- INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
- (P1-P3),(P4-P6) : 350 uH MIN
- DCR
- (J1-J2),(J3-J6) : 1.2Ω MAX
- HI-POT TEST
- PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- TURNS RATION 100KHz
- (P1-P3) : (J1-J2) = 1:1 ±%3
- (P4-P6) : (J3-J6) = 1:1 ±%3



Emitting Color	λp (nm)	Vf @I=20mA	Ir @Vf=5V
Green	565	1.7V~2.6V	10μA max.
Yellow	585	1.7V~2.6V	10μA max.

PART NO. 21J1591-021211H
LED OPTIONAL : GREEN
PACKAGE : SMD
EMITTING COLOR : GREEN/YELLOW
SUPPLIER : HALOGEN
PACKAGING : 10000P/B
CONTACT PLATING ON CONTACT AREA :
 1. BLACK
 2. TIN
 3. GOLD
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 100. TIN



DECIMALS:	ANGLES:
X : ±0.5	X : ±2°
X.X : ±0.3	X.X : ±1°
X.XX : ±0.2	

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	HOUSING	1	LCP UL 94V-0	BLACK COLOR
B	CASE	1	LCP UL 94V-0	BLACK COLOR
C	OUTPUT CONTACT	8	COPPER ALLOY	SEE PART NO.
D	INPUT CONTACT	8	COPPER ALLOY	TIN PLATED
E	SHELL	1	STAINLESS STEEL	TIN PLATED ON SOLDER AREA
F	PCB	1		YELLOW/GREEN
G	LED	2		

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.
信亨企業股份有限公司

TITLE RJ45 JACK, W/LED, W/MAGNETIC, W/SHIELD, R/A, DIP TYPE

DWN ENR2016.11.18 **PART NO.** 21J1591-021211H

CHKD ANGE12016.11.18 **SCALE:** 1/1 **UNIT:** mm

APVD ANGE12016.11.18 **SIZE:** A3 **SHEET:** 1 OF 1 **REV:** A

CUSTOMER COPY