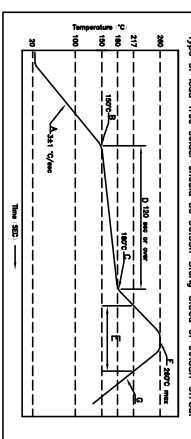


REV. ECN NO OR DESCRIPTION	REVISED	DATE
A PDR RELEASE	Even	2017.08.10
B ECN NO: L170090	Even	2018.04.16

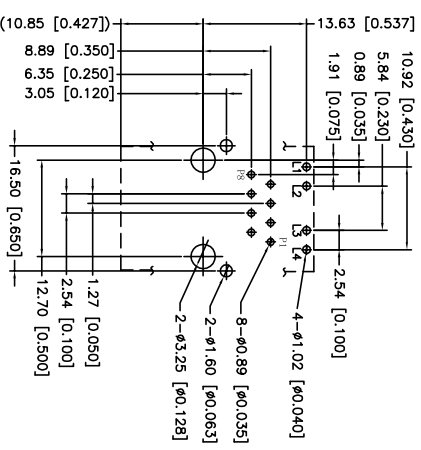
SPECIFICATION:

- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: **GLP-PASS**
- PACKAGE: SEE "21U1591-021212H" PACKAGE
- 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
- TEMPERATURE CONDITION OF REFLOW SOLDERING:

Component	Soldering Condition
A. Handled board	341 3/4min
B. Pre-wired assembly board	180°C
C. Pre-wired assembly board	180°C
D. Pre-wired board	200 sec or more
E. Board Temperature(°C)	260°C
F. Time within 5°C of selected peak Temp(%)	30000 sec
G. Time within 5°C of max temp	10 sec max
H. Time within 5°C of reflow min temp	5 sec/min max

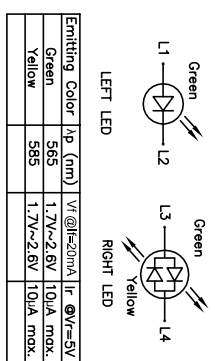
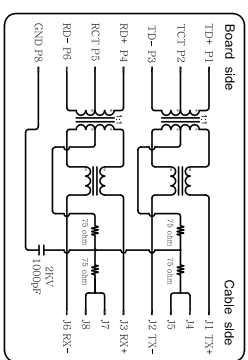


9. OTHER GENERAL SPEC. TO REFER 21U1591-021212H SPEC.



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
- COMMON MODE REFLECTION
- 1~100 MHZ -30dB MIN
- CROSS TALK
- 1~100 MHZ -30dB MIN
- 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	Wp (mm)	Vf@If=20mA	If@Vf=5V
Green	565	1.7V~2.6V	10mA max.
Yellow	585	1.7V~2.6V	10mA max.

- PART NO. 21U1591-021212H
- LEAD OPTIONAL
- LEAD GREEN
- LEAD GREEN/STAYLON
- SURFACE BALANCE
- PACKING & MARK
- BLACK
- BLACK
- CONTACT PLATING
- CONTRACT PLATING
- CONTRACT PLATING ON CONTACT AREA
- FIN PLATED ON SOLDER AREA

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		
G	LED	2	LED	YELLOW/GREEN

Singatron Enterprise Co., Ltd.

信亨企業股份有限公司

TITLE R45 JACK, W/LED, W/MAGNETIC, W/SHIELD, R/A, DIP TYPE

DWN BRN 2018/04/16

PART NO. 21U1591-021212H

CHKD SCALE: 1/1 UNIT: mm

APVD ANCA 2018/04/16 SIZE: A3 SHEET: 1 OF 1 REV: B

CUSTOMER COPY