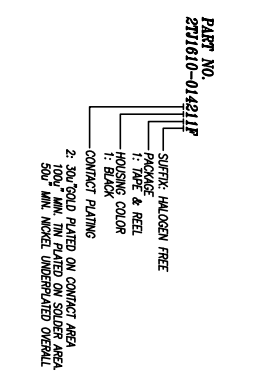


REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2018.01.26

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



PART NO.
2711610-014211F

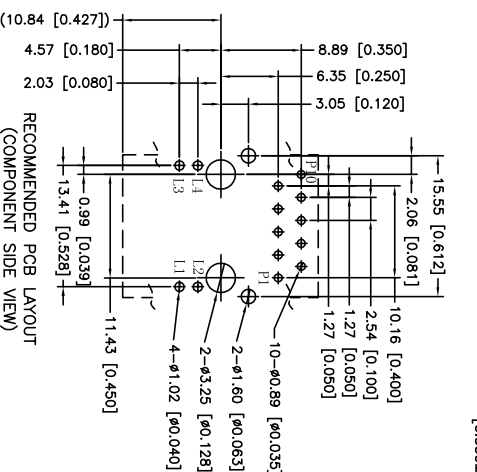
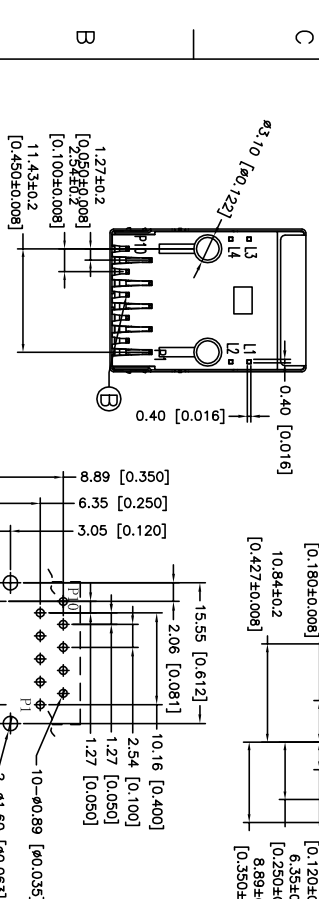
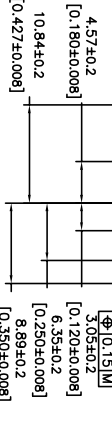
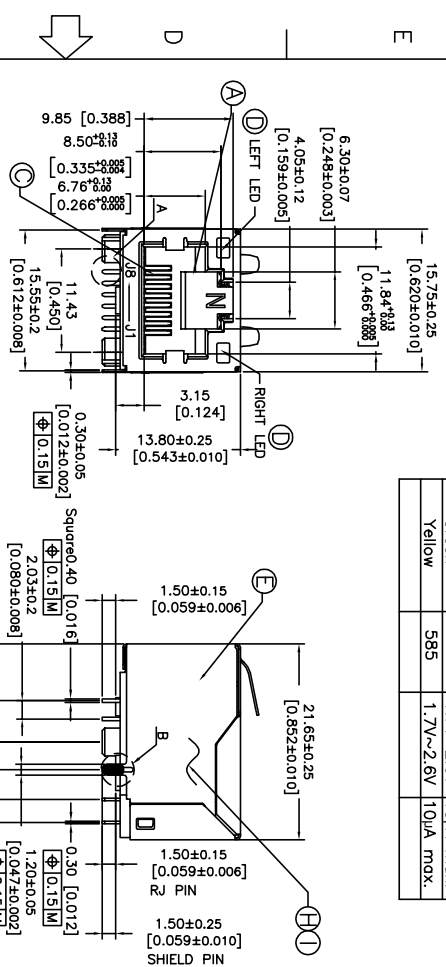
3. SMTX, HALOGEN FREE
4. PACKAGE
5. TARE & REEL
6. HOUSING COLOR
7. BLACK

2. 30/90µD PLATED ON CONTACT AREA
100µ MIN. TIN PLATED ON SOLDER AREA
500µ MIN. MIN. MODEL UNDERPLATED OVERALL

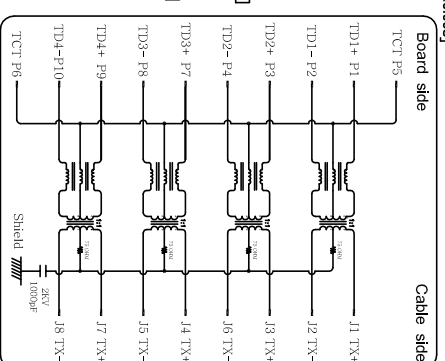
SPECIFICATION:
1. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
2. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING.
3. PACKAGE: SEE "2711610-014211F" PACKAGE.
4. FOR RELIABLE SOLDERING LEAD-FREE PROCESS.
5. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
6. ELECTRICAL RESISTANCE : 500 MOHMS MIN
7. DIELECTRIC WITHSTANDING VOLTAGE : 1500 VAC FOR 1 MINUTE
8. DURABILITY TEST RATING
9. INSERTION FORCE WITH THE LATCH DEPRESSED : 22N MAX
10. REMOVAL FORCE WITH THE LATCH DEPRESSED : 44N MAX
11. DURABILITY : 750 CYCLES
12. OPERATING AND STORAGE TEMPERATURE
13. OPERATING TEMPERATURE : 0°C TO +70°C
14. STORAGE TEMPERATURE : -40°C TO +85°C
9. OTHER GENERAL SPEC. TO REFER "2711610-014211F" SPEC.*

ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :
1~100 MHz -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :
1~100 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
- HI-BOT TEST
PCB SIDE TO CABLE SIDE : 1500µA 60S OR 2250µA 60S
- TURNS RATION 100KHz
(P1-P2) : (1:1)-(2) = 1:1 ±5%
(P3-P4) : (1:3)-(6) = 1:1 ±5%
(P7-P8) : (1:4)-(5) = 1:1 ±5%
(P9-P10) : (1:7)-(8) = 1:1 ±5%



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)



PCB	DESCRIPTION	DECIMALS:	ANGLES:
I	INSERT MOLD	X	±0.5 X ±12
G	INK	X	±0.3 X ±11
F	BASE	X	±0.2 X ±10
E	SHELL	X	±0.3 X ±11
D	LED	X	±0.3 X ±11
C	OUTPUT CONTACT	X	±0.3 X ±11
B	INPUT CONTACT	X	±0.3 X ±11
A	HOUSING	X	±0.3 X ±11
NO	DESCRIPTION	X	±0.3 X ±11

QTY	MATERIAL	PLATING & COLOR
1	LCP UL 94V-0	BLACK
1	LCP UL 94V-0	BLACK
2	LCP UL 94V-0	BLACK
1	SUS304-1/2H	TIN PLATED ON SOLDER AREA
2	LED	GREEN/YELLOW/GREEN
8	C5210	SEE PART NO.
10	C2680	TIN PLATED
1	LCP UL 94V-0	BLACK

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE: R45, W/LED, W/MONETIC, R/A, W/SHIELD, DIP TYPE
DWV: ERI 2018.01.26 PART NO. 2711610-014211F
CHKD: AME2018.01.26 SCALE: 2.5:1 UNIT: mm
APVD: AME2018.01.26 SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY