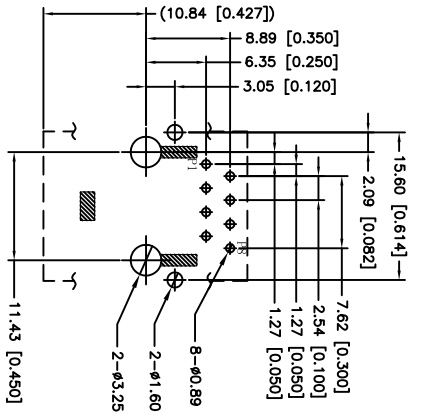


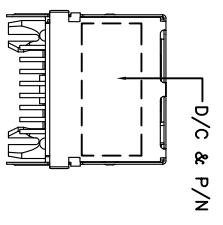
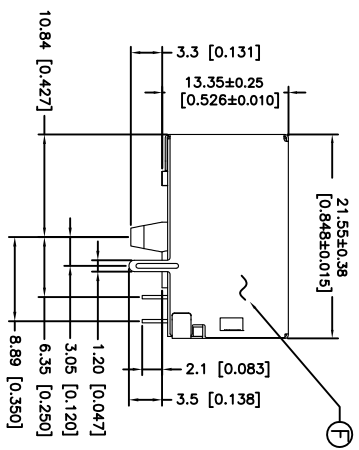
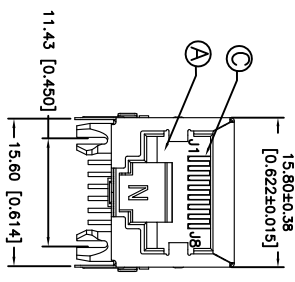
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	NY-C	2015.12.01
B	ECN NO: L170033	EVEN	2017.06.20

PART NO.
271624-000111H

- SUFFIX: HALOGEN
- PACKAGE 1: TRAY
- HOUSING COLOR 1: BLACK
- CONTACT PLATING 1: GOLD 30u" ON CONTACT AREA 100u" TIN PLATED ON SOLDER AREA 50~100u" NICKEL UNDERPLATED OVERALL



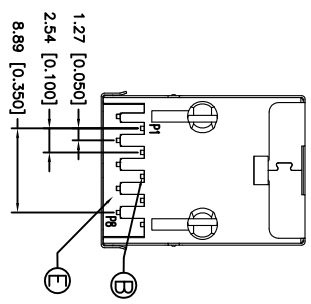
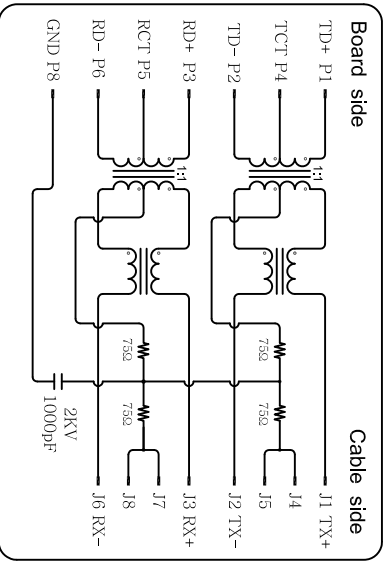
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)



- SPECIFICATION:
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **[G.F. PASS]**
 - PACKAGE: SEE 271624 SERIES PACKAGE.
 - FOR WAVE SOLDERING LEAD-FREE PROCESS.
 - 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 : -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 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 : -30dB MIN
- 1~100 MHz : -30dB MIN
- INDUCTANCE @ 100kHz, 0.1V, 8mA DC BIAS (P1-P2),(P3-P6) : 350 uH MIN
- DCR (U1-U2),(U3-U6) : 1.2 OHM MAX
- HI-POT TEST BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- TURNS RATIO 100KHz
- (P1-P2) : (U1-U2) = 1:1 ±*3
- (P3-P6) : (U3-U6) = 1:1 ±*3
- OTHER GENERAL SPEC. TO REFER "271624-000111H SPEC."



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

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.
信音企業股份有限公司

DWN: 2017.06.20 PART NO. 271624-000111H

CHKD: 2017.06.20 SCALE 2.5:1 UNIT: mm

APVD: 2017.06.20 SIZE: A3 SHEET: 1 OF 1 REV: B

CUSTOMER COPY

