

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2014.12.04

SPECIFICATION:

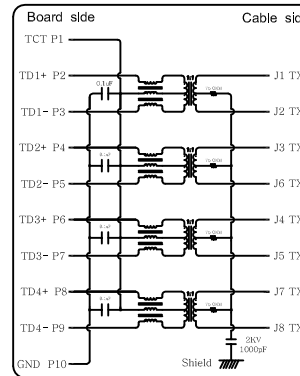
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
- PACKAGE: SEE "2TJ1576-100211H" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

6. 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 :

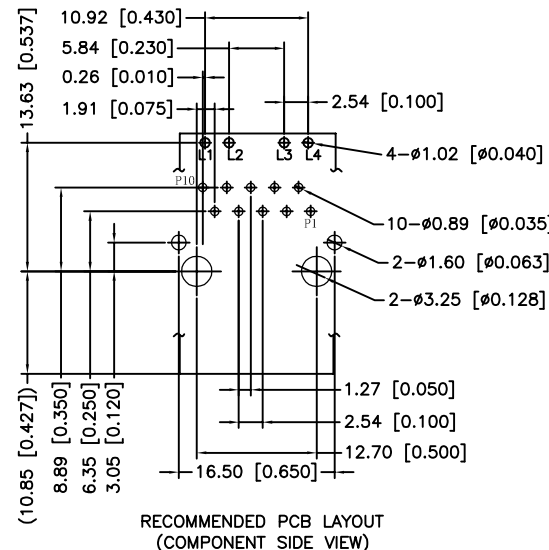
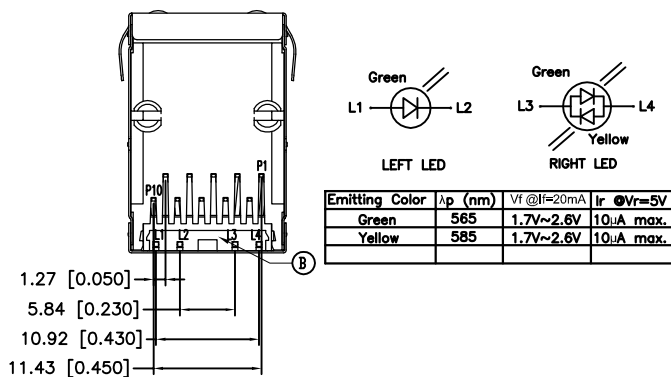
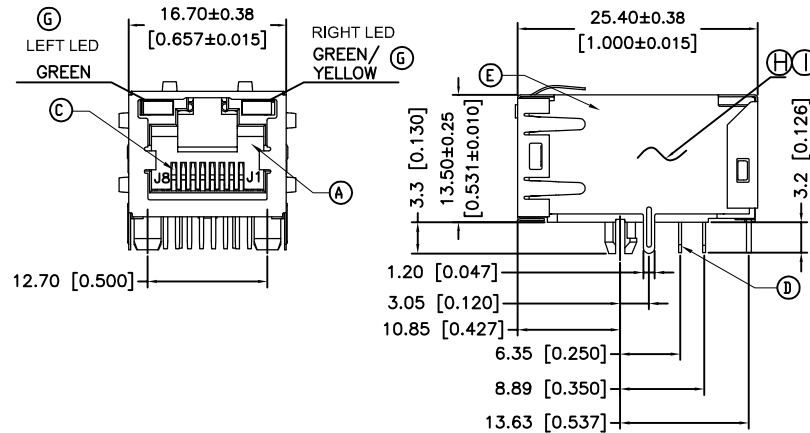
- INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -18dB MIN
 - 60~80 MHz -12dB MIN
 - 80~100 MHz -10dB MIN
- COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
- CROSS TALK
 - 1~100 MHz -30dB MIN
- INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P2~P3),(P4~P5),(P6~P7),(P8~P9) : 350 uH MIN
- DCR
 - (J1~J2),(J3~J6),(J4~J5),(J7~J8) : 1.2Ω MAX
- HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- TURN RATION 100KHz
 - (P2~P3) : (J1~J2) = 1:1 ±%5
 - (P4~P5) : (J3~J6) = 1:1 ±%5
 - (P6~P7) : (J4~J5) = 1:1 ±%5
 - (P8~P9) : (J7~J8) = 1:1 ±%5
- OTHER GENERAL SPEC. TO REFER "2TJ1576-100211H SPEC".



PART NO.
2TJ1576-100211H

LED CODE
1: L:GREEN
R:GREEN /YELLOW

SUFFIX: HALOGEN
PACKAGE
1: TRAY
HOUSING COLOR
1: BLACK
CONTACT PLATING
2: 30u" GOLD ON CONTACT AREA;
TIN PLATED ON SOLDER AREA



I	PCB	1		
H	INSERT MOLD	1	LCP UL 94V-0	BLACK
G	LED	-	LED	GREEN/GREEN,YELLOW
F	INK	1		BLACK
E	SHELL	2	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	CASE		LCP UL 94V-0	BLACK COLOR
A	HOUSING	1	LCP UL 94V-0	BLACK
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 MY-C 2014.12.04 PART NO. 2TJ1576-100211H
X.X	:±0.3	X.X	:±1°	CHKD SCALE:1.8/1 UNIT: mm
X.XX	:±0.2			APVD ANGELA 2014.12.04 SIZE: A3 SHEET:1 OF 1 REV: A
CUSTOMER COPY				