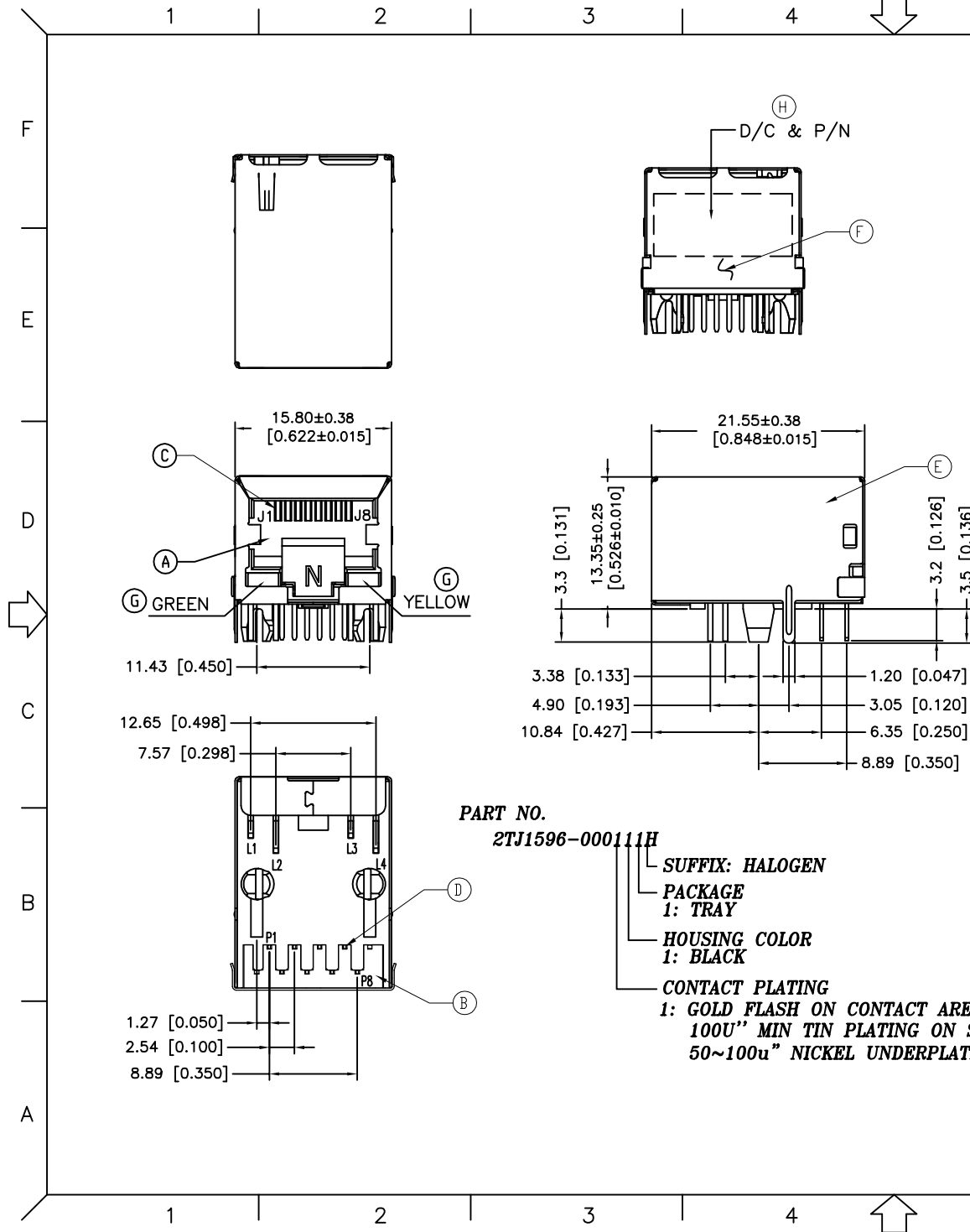




PART NO.

2TJ1596-000111H

SUFFIX: HALOGEN

PACKAGE

1: TRAY

HOUSING COLOR

1: BLACK

CONTACT PLATING

1: GOLD FLASH ON CONTACT AREA;
100U" MIN TIN PLATING ON SOLDER AREA
50~100u" NICKEL UNDERPLATED OVERALL

ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -16dB MIN
 - 60~80 MHz -12dB MIN
3. COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
4. CROSS TALK
 - 1~100 MHz -30dB MIN
5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P1-P2),(P7-P8) : 350 uH MIN
6. DCR
 - (J1-J2),(J3-J6) : 1.2 Ohm MAX
7. HI-POT TEST
 - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
8. TURNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 ±%5
 - (P7-P8) : (J3-J6) = 1:1 ±%5

SPECIFICATION:

1. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
2. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
3. PACKAGE: SEE "2TJ1596 SERIES" PACKAGE.
4. FOR WAVE SOLDERING LEAD-FREE PROCESS.
5. 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
7. DURABILITY TEST RATING
 - INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
 - REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
 - DURABILITY :750 CYCLES
8. OPERATING AND STORAGE TEMPERATURE
 - OPERATING TEMPERATURE : 0°C TO +70°C
 - STORAGE TEMPERATURE : -40°C TO +85°C
9. OTHER GENERAL SPEC. TO REFER "2TJ1596 SERIES SPEC".

H	INK	-	INK	BLACK
G	LED	2	LED	GREEN/YELLOW
F	PCB	1		
E	SHELL	1	SUS304	TIN PLATED ON SOLDER AREA
D	INPUT CONTACT	8	C2680	TIN PLATED
C	OUTPUT CONTACT	8	C5210	SEE PART NO.
B	BASE	1	LCP UL 94V-0	BLACK COLOR
A	HOUSING	1	PA10T UL 94V-0	BLACK COLOR
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
X	:±0.5	X	:±2°	RJ45 JACK, W/MAGNETIC, W/SHIELD, R/A, DIP TYPE
X.X	:±0.3	X.X	:±1°	DWN NY-C 2015.04.07
X.XX	:±0.2			PART NO. 2TJ1596-000111H
		CHKD	ANGEL2015.04.07	SCALE: N/A UNIT: mm
		APVD	ANGEL2015.04.07	SIZE: A3 SHEET:1 OF 2
REV: A				
CUSTOMER COPY				