



PART NO.
2TJ1624-000111H

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

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

- SPECIFICATION:**
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
 - PACKAGE: SEE "2TJ1624 SERIES" PACKAGE.
 - FOR WAVE SOLDERING LEAD-FREE PROCESS.
 - 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 : -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 REJECTION:
 - 1~100 MHz -30dB MIN
 - CROSS TALK:
 - 1~100 MHz -30dB MIN
 - INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS:
 - (P1-P2),(P3-P6) : 350 uH MIN
 - DCR:
 - (J1-J2),(J3-J6) : 1.2 OHM MAX
 - HI-POT TEST:
 - BOARD SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
 - TURNS RATION 100KHz:
 - (P1-P2) : (J1-J2) = 1:1 ±%3
 - (P3-P6) : (J3-J6) = 1:1 ±%3
 - OTHER GENERAL SPEC. TO REFER "2TJ1624-000111H SPEC".

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	INTPUT CONTACT	8	COPPER ALLOY	TIN PLATED
A	HOUSING	1	PBT 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: X ±0.5		TITLE: RJ45, 10/100 BASE-T, W/SHIELD, DIP TYPE		
X.X ±0.3		DWN: EVEN 2017.06.20		
X.XX ±0.2		APVD: WNCJLA2017.06.20 CHKD: WNCJLA2017.06.20 SCALE: 2.5:1 UNIT: mm SIZE: A3 SHEET: 1 OF 1 REV: B		
CUSTOMER COPY				

