

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IVY-C	2015.05.22

- SPECIFICATION:**
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - PACKAGE: SEE "2TJ1613 SERIES" PACKAGE.
 - FOR REFLOW 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
 - 80~100 MHz -10dB MIN
 - COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
 - CROSS TALK
 - 1~100 MHz -30dB MIN
 - OCL @ 100KHz, 0.1V, 8mA DC BIAS
 - (P1-P2),(P3-P4),(P5-P6),(P7-P8) : 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
 - URNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 ±5%
 - (P3-P4) : (J3-J6) = 1:1 ±5%
 - (P5-P6) : (J4-J5) = 1:1 ±5%
 - (P7-P8) : (J7-J8) = 1:1 ±5%
9. OTHER GENERAL SPEC. TO REFER "2TJ1613 SERIES SPEC".

L	SPACER	1	LCP UL 94V-0	BLACK
K	MYLAR	1		YELLOW
J	PCB	2		
I	BACK SHELL	1	SUS 201	TIN PLATED ON SOLDER AREA
H	INSERT	1	PA10T UL 94V-0	BLACK
G	INK	-	INK	BLACK
F	BASE	2	LCP UL 94V-0	BLACK
E	FRONT SHELL	1	SUS 201	
D	LED	4	LED	GREEN
C	OUTPUT CONTACT	16	C5210	SEE PART NO.
B	INTPUT CONTACT	20	C2680	TIN PLATED
A	HOUSING	1	PA10T UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X ±0.5 X ±2°
 XX ±0.3 XX ±1°
 XXX ±0.2

TITLE	RJ45, W/LED R/A, W/SHIELD, DIP TYPE
DWN	NY-C 2015.05.22 PART NO. 2TJ1613-000111F
CHKD	ANGELA2015.05.22 SCALE2.5:1 UNIT: mm
APVD	ANGELA2015.05.22 SIZE: A3 SHEET:1 OF 1 REV: A

CUSTOMER COPY

