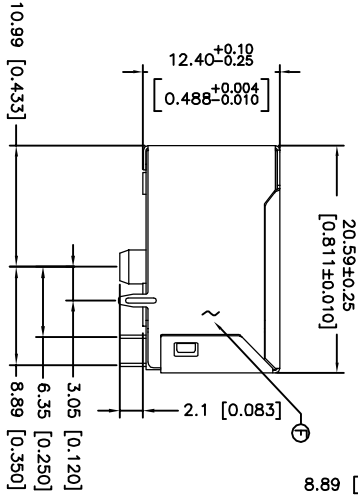


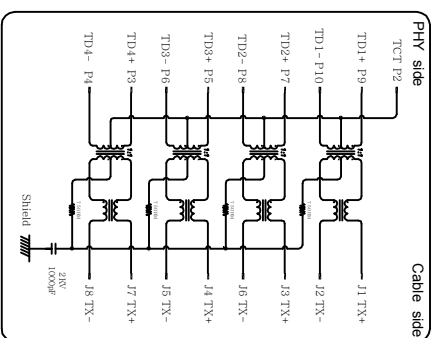
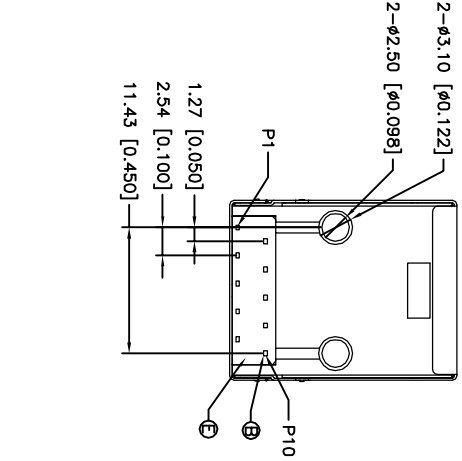
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)



PART NO.
27J1619-000111H

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

- SPECIFICATION:**
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING [G.P. PASS]
 - PACKAGE: SEE "27J1619-000111H" PACKAGE
 - FOR REFLUX 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 : 0°C TO +70°C
 - STORAGE TEMPERATURE : -40°C TO +85°C
- ELECTRICAL CHARACTERISTICS :**
- 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
 - 80~100 MHz -10dB MIN
 - 3. COMMON MODE REJECTION
 - LEVEL 0dB W/DC -30dB MIN
 - 1~100 MHz -30dB MIN
 - 5. INDUCTANCE @ 100kHz, 0.1V, Bma DC BMS
 - (P2-P1),(P4-P3),(P6-P5),(P8-P7) : 350 nH MIN
 - 6. DCR
 - (J1-J2),(J3-J6),(J4-J5),(J7-J8) : 1.2 Ohm MAX
 - 7. HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
 - 8. TURNS RATION 100kHz
 - (P2-P1) : (J1-J2) = 1:1 ±X5
 - (P4-P3) : (J3-J6) = 1:1 ±X5
 - (P6-P5) : (J4-J5) = 1:1 ±X5
 - (P8-P7) : (J7-J8) = 1:1 ±X5
 - OTHER GENERAL SPEC. TO REFER "27J1619-000111H" SPEC.*



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	PCB	1		
E	BASE	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	10	COPPER ALLOY	TIN PLATED
A	HOUSING	1	LCP UL 94V-0	BLACK

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

DECIMALS:	ANGLES:	TITLE	R/A5, W/MAGNETIC, R/A, W/SHIELD, DIP TYPE
X : ±0.5	X : ±2°	DWM	PART NO. 27J1619-000111H
XX : ±0.3	XX : ±1°	CHKD	SCALE:2.5:1 UNIT: mm
XXX : ±0.2		APVD	SIZE: A3 SHEET: 1 OF 1 REV: C

CUSTOMER COPY