



RECOMMENDED PCB LAYOUT
TOP VIEW : TOL.±0.05
(PCB THICKNESS=1.20mm)

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 500mA MAX.
 - VOLTAGE RATING: 150VAC MAX.
 - CONTACT RESISTANCE : 50mΩ MAX.(INITIAL), 100mΩ MAX.(AFTER LIFE TEST).
 - INSULATION RESISTANCE: 100MΩ MIN.
- MECHANICAL CHARACTERISTICS:
 - DURABILITY: 5000 CYCLES.
 - INSERTION FORCE: 2.25kg MAX. WITH LATCH DEPRESSED.
 - WITHDRAWAL FORCE: 4.5kg MAX. WITH LATCH DEPRESSED.
 - OPERATING TEMPERATURE:-30℃ ~ +70℃.
- MARKING: MARK " " INSIDE OF THE CONNECTOR.
- PACKAGING : TAPE & REEL.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION
- MARK ON PRODUCT: ○
- HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON THE PACKAGING: ♻️
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- PRINTED DATE CODE " YY MM DD " ON TOP OF THE CONNECTOR.



NODE	COLOR	A1←A2	B1←B2
A1(-) A2(+)	YELLOW		
B1(-) B2(+)	GREEN		

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	LED	1		YELLOW
D	LED	1		GREEN
C	SHIELDING	1	METAL T 0.25mm	N: 50U "MIN.
B	8P8C CONTACT	8	PHOSPHOR BRONZE 0.25t	10u" GOLD ON CONTACT AREA Mat Sn 120u" ON SOLDER TAIL ALL OVER N: 50U"MIN.
A	BODY	1	HIGH TEMP.THERMOPLASTIC	BLACK

Singatron Enterprise Co., Ltd
信亨企業股份有限公司

DECIMALS:	ANGLES:	TITLE	PART NO.	UNIT:	SHEET:1 / 1	REV: A
X :±0.5	X :±2°	DWN	2RJ3003-128111F	mm		
X.X :±0.3	X.X :±1°	CHKD				
X.XX :±0.2		APVD				

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