



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

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. CURRENT RATING: 1.5A Max.
- 1-2. VOLTAGE RATING: 150V Max.
- 1-3. CONTACT RESISTANCE : 50mΩ Max.(INITIAL),
100mΩ Max.(AFTER LIFE TEST).
- 1-4. INSULATION RESISTANCE : 100MΩ Min.
- 2. MECHANICAL CHARACTERISTICS:
 - 2-1. DURABILITY: 5000 CYCLES.
 - 2-2. INSERTION FORCE: 2.25kg Max. WITH LATCH DEPRESSED.
 - 2-3. WITHDRAWAL FORCE: 4.5kg Max. WITH LATCH DEPRESSED.
 - 2-4. OPERATING TEMPERATURE: -30°C ~ +70°C.
- 3. MARKING: MARK "S" "INSIDE OF THE CONNECTOR."
- 4. PACKAGING: TAPE & REEL.
- 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- 6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
- 7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON THE PACKAGING:
- 8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- 9. PRINTED DATE CODE "YY MM DD" ON TOP OF THE CONNECTOR.



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

E	LED	1	N/A	YELLOW
D	LED	1	N/A	GREEN
C	SHELL	1	SUS430 T=0.25	60µm Min. Solderable Nickel plating.
B	8P8C CONTACT	8	PHOSPHOR BRONZE	G/F: plating on contact area, 120µm Min. Matte tin plating on solder tail area, 50µm Min. Nickel under plating.
A	BODY	1	LCP UL 94V-0	BLACK

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singatron Enterprise Co., Ltd. 信亨企業股份有限公司				
TITLE: R445 JACK				
DWN	XAO	PART NO. 2RJ3070-108211F		
CHKD	ALEN	SCALE 4:1	UNIT: mm	
APVD	BOYE	SIZE: A3	SHEET: 1 / 1	REV: E
CUSTOMER COPY				

DECIMALS	ANGLES
X ±0.5	X ±2°
X.X ±0.3	X.X ±1°
X.XX ±0.2	