



RECOMMENDED PCB LAYOUT  
TOP VIEW : TOL.±0.05  
(PCB THICKNESS=1.00mm)

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.
  - 1-5. Dielectric Withstanding Voltage : 500 V AC
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℃ ~ +70℃.
3. MARKING: MARK" Ⓢ " 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.



D	Mylar	1	Yellow	
C	SHELL	1	STAINLESS IRON	60µin NICKEL Min.
B	TERMINAL	8	PHOSPHOR BRONZE	1/2" Au MIN. ON CONTACT AREA, Matte Sn 120µ" ON SOLDER TAIL, ALL OVER Ni 50µ" Min.
A	BODY	1	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES



DECIMALS:	ANGLES:	TITLE	R/45 JACK
X :±0.5	X :±2°	DWN	ALLEN
X.X :±0.3	X.X :±1°	CHKD	BOYE
X.XX :±0.2		APVD	BOYE

PART NO. 2RJ3120-008211F  
SCALE 4:1  
SHEET: 0F 1  
REV: A

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