



- SPECIFICATIONS:**
- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. CURRENT RATING: 1.5A MAX.
  - 1-2. VOLTAGE RATING: 125 VAC MAX.
  - 1-3. INSULATION RESISTANCE: 500MΩ MIN. INITIAL.
  - 1-4. LOW LEVEL CONTACT RESISTANCE: 50mΩ MAX. INITIAL.
- 2. MECHANICAL CHARACTERISTICS:**
- 2-1. MATING FORCES: 2.3Kgf MAX. WITH LATCH DEPRESSED.
  - 2-2. DURABILITY (INSERTION/WITHDRAWAL CYCLES): 500 CYCLES.
- 3. OPERATING TEMPERATURE: -30°C TO +70°C.**
- 4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.**
- 5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: (C)**
- 6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: (C)**
- 7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.**
- 8. PACKAGING: TAPE & REEL.**



REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A		PRODUCT RELEASE	Chunxiao	2014.06.12
B	ECN: C140302	IMPROVE PRODUCT	CHEN	2015.02.02

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
D	KEY	2	HIGH TEMP THERMAL PLASTIC U194-V0	BLACK
C	SHELL	1	STAINLESS STEEL T=0.25	NICKEL PLATED
B	TERMINAL	8	COPPER ALLOY T=0.25	(GOLD FLASH ON CONTACT AREA, SN PLATED ON SOLDER TAIL.
A	BODY	1	HIGH TEMP THERMAL PLASTIC U194-V0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS:	ANGLES:	TITLE
X : ±0.5	X : ±2°	R445 RECEPTACLE
X.X : ±0.3	X.X : ±1°	DWN 15/2/10
X.XX : ±0.2		CHKD 15/2/10
		APVD 15/2/10

PART NO.	UNIT:	SCALE	SIZE	SHEET:	REV:
2R02109-000211F	mm	3:1	A3	1 OF 1	B

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