



**SPECIFICATIONS:**

- 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.
- 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.
- MARKING:** MARK "S" 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: S
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.**
- PRINTED DATE CODE "YY MM DD" ON TOP OF THE CONNECTOR.**



NODE	COLOR	Wavelength
A1(+)	A2(-)	AMBER A1 ↔ A2
B1(+)	B2(-)	GREEN B1 ↔ B2
		585~594(nm)
		564.5~576.5(nm)

E	LED	1	GREEN
D	LED	1	AMBER
C	SHELL	1	IN PLATING ALL OVER
B	8P8C CONTACT	8	C/F ON CONTACT AREA: Matte Sn 120u" ON SOLDER TAIL; ALL OVER IN 50u" MIN.
A	BODY	1	UL 94V-0 & BLACK

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS: ANGLES:				
X	±0.5	X	±2°	
X.X	±0.3	X.X	±1°	
X.XX	±0.2			
<p>Singapore Enterprise Co., Ltd. 信營企業股份有限公司</p>				
TITLE: R445 JACK				
DWM	ALLEN	PART NO. 2R3J054-108211F		
CHKD		SCALE 4:1 UNIT: mm		
APVD	James	SIZE: A3 SHEET: 1 / 1 REV: B		

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T120914-8A		Sam	2013.09.22
B	ECN NO: S140136		ALLEN	2014.05.15

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