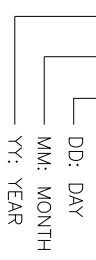


SPECIFICATIONS:

- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. CURRENT RATING: 0.5A 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 at sea level.
- 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
 - 7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON THE PACKAGING:
 - 8. FOR REFLOW SOLDERING LEAD-FREE PROCESS. PRINTED DATE CODE "YY MM DD" ON TOP OF THE CONNECTOR.



NODE	COLOR	Wavelength	Test Condition
A1(-) A2(+)	YELLOW	A2 → A1	I _F = 20mA
B3(-) B2(+)	GREEN	B2 → B3	I _F = 20mA
B1(-) B2(+)	ORANGE	B2 → B1	I _F = 20mA

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	LED	1		GREEN AND ORANGE
D	LED	1		YELLOW
C	SHELL	1	COPPER ALLOY 0.30T	30um Min. Solderable nickel plating 5um Au PLATING ON CONTACT AREA
B	8P8C TERMINAL	8	COPPER ALLOY 0.25T	120um Min. Sn PLATING ON SOLDERING AREA 50um Min. NICKEL UNDER PLATING
A	BODY	1	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK

Singatron Enterprise Co., Ltd.
信置企業股份有限公司

DECIMALS:	ANGLES:	TITLE	R/45 JACK
X : ±0.50	X : ±2°	DWN	Pon
X.X : ±0.30	X.X : ±1°	CHKD	Allen
X.XX : ±0.20		APVD	BOYE

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
A	PDR NO:T210305-1A	PAN	2021.09.16