



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO. C081103-1A	許海華	2008.11.21	
B	ECN C130196	ZLS	2013.12.02	

- SPECIFICATIONS:
1. RATING: 20V 4A
 2. INSERTION FORCE: 0.2KG-2.5KG
WITHDRAWAL FORCE: 0.2KG-3.0KG
 3. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINAL SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
 4. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
 5. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS (INITIAL)
 6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
 7. MEASURING CONDITION:
TEMPERATURE: FROM 5°C TO 35°C.
RELATIVE HUMIDITY: FROM 40% TO 85%.
 8. BENVIRONMENTAL SPECIFICATIONS:
8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
8.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
8.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
 9. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 10. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
 11. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
 12. FOR 260°C 10SEC. WAVE SOLDERING LEAD-FREE PROCESS.
 13. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.



NO.	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	PIN	1	BRASS	Ni 60μ~180μ, Cu 80μ MIN.
E	TERMINAL	1	COOPER ALLOY 0.5T	Ag 15μ MIN., Ni 50μ~180μ
D	SHUNT TERMINAL	1	COOPER ALLOY 0.5T	Ag 15μ MIN., Ni 50μ~180μ
C	TIP SPRING	1	COOPER ALLOY 0.25T	Ag 15μ MIN., Ni 50μ~180μ
B	COVER	1	HIGH TEMP THERMOPLASTIC UL94V-0	BLACK
A	BODY	1	HIGH TEMP THERMOPLASTIC UL94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

TITLE	DC POWER JACK
DWN	ZLS 13/12/4
CHKD	ZLS 13/12/4
APVD	liao 13/12/4

CUSTOMER COPY

Singatron Enterprise Co., Ltd.
信登企業股份有限公司