



2DC-S305

PART NO.	PIN DIA.
C	2.35φ ⁺⁰ _{-0.1}
D	2.00 ⁺⁰ _{-0.1}
F	1.87φ ⁺⁰ _{-0.1}
G	1.45φ ⁺⁰ _{-0.1}

SPECIFICATIONS:

1. RATING: DC 20V 3.5A
2. LOAD SIDE CAPACITANCE: 4μF MIN.
3. INSERTION FORCE: 0.2KG-2KG
4. INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VDC
5. JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
6. CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
7. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
8. MEASURING CONDITION:
TEMPERATURE: FROM 5°C TO 35°C.
RELATIVE HUMIDITY: FROM 40% TO 85%.
9. ENVIRONMENTAL SPECIFICATIONS:
9.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
9.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
9.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
10. SOLDER HEAT RESISTANCE/TIME: WAVE SOLDERING OR IR REFLOW (PEAK TEMP.: 260°C 10SECS)
11. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
12. GREEN PRODUCT IDENTIFICATION MARK ON JACK:
13. GREEN PRODUCT IDENTIFICATION LABEL ON PACKING: **G.P.PASS**
14. FOR LEAD-FREE PROCESS.
15. DATE CODE DESCRIPTION: YY MM DD
DAY MONTH YEAR

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
E		MODIFY SHIELDING PLATE PLATING	Conti	2004-11-4
F		CO200B1 CHANGE PIN HEAD FROM FULL R TO R	HAHHA	6/27/07
G		ADD A CHAMFER/EN NO.C0280061-4/10	TANGHUI	2008.07.23
H		料號變更 - ECN NO.: 70900047	KENSON	8/20/09

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	SHIELD PLATE	1	BRASS:0.2T	HIGH TEMP-Sn BRIGHT 60u"MIN. Ni50u"MIN,Cu60u"MIN.
F	PIN	1	BRASS BAR	Ni60u"MIN,Cu80u"MIN.
E	TERMINAL	1	BRASS STRIP 0.5T	Ag20u"MIN,Ni20u"MIN.
D	SHUNT TERMINAL	1	BRASS STRIP 0.5T	Ag20u"MIN,Ni20u"MIN.
C	TIP SPRING	1	BRASS STRIP 0.25T	Ag20u"MIN,Ni20u"MIN.
B	COVER	1	HIGH TEMP.THERMOPLASTIC.U194V-0	BLACK COLOR
A	BODY	1	HIGH TEMP.THERMOPLASTIC.U194V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信晉企業股份有限公司

TITLE DC POWER JACK

DECIMALS:	ANGLES:	TITLE
X : ±0.5 X : ±.2°	X.X : ±0.3 X.X.X : ±.1°	DWN KENSON 8/20/09 PART NO. 2DC-S305X200
X.XX : ±0.2		CHKD HARVEY 8/20/09 SCALE 3:1 UNIT: mm
		APVD ROBIN 8/20/09 SIZE: A3 SHEET: 10F1 REV: H

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