

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
M	ECN: T0900047 料號瘦身	KENSON	2009.08.18
N	ECN: C110263 MODIFY RATING	LONGJIANG	2011.09.19
O	ECN: C140262 MODIFY DRAWING	CAOCHEN	2014.12.01
P	ECN: S180801-0-1	Xuehua	2020.1.3

SPECIFICATIONS:

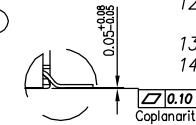
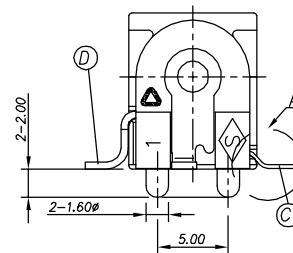
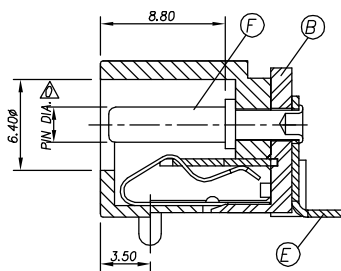
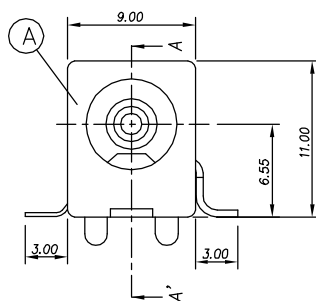
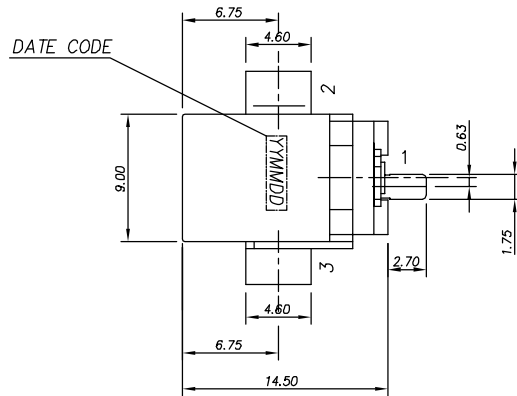
- 1.RATING: DC 14V 3.9A
- 2.INSERTION FORCE: 3.0KG Max.
WITHDRAWAL FORCE: 0.2KG-2.5KG
- 3.INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
- 4.JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- 5.CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
- 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.ENVIRONMENTAL 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. GREEN PRODUCT IDENTIFICATION MARK IN JACK:
11. GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: **G.P. PASS**
12. SOLDERABILITY AND MAX. SOLDER TEMPERAUTRE ACCORDING ICP /JEDEC J-STD-020C.
13. PACKAGE: SEE 'TABLE'
14. DATE CODE DESCRIPTION:

DATE CODE:YYMMDD
 DAY
 MONTH
 YEAR

F	PIN	1	COPPER ALLOYL	NICKEL PLATING
E	TERMINAL	1	COPPER ALLOYL,0.5T	SILVER PLATING
D	SHUNT TERMINAL	1	COPPER ALLOYL,0.5T	SILVER PLATING
C	TIP SPRING	1	COPPER ALLOYL,0.25T	SILVER PLATING
B	COVER	1	HI-TEMP THERMOPLASTIC,UL94V-0	BLACK COLOR
A	BODY	1	HI-TEMP THERMOPLASTIC,UL94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Electronic Co., Ltd. 信音企業股份有限公司		
DECIMALS: ANGLES:		TITLE DC POWER JACK		
X	:±0.5	X	:±2°	DWN Xuehua PART NO.:2DC-0415XX0X
X.X	:±0.3	X.X	:±1°	CHKD Ron SCALE:N/A UNIT: mm
X.XX	:±0.2	APVD Lussen	SIZE: A3	SHEET:1 OF 1 REV:P
CUSTOMER COPY				

TABLE

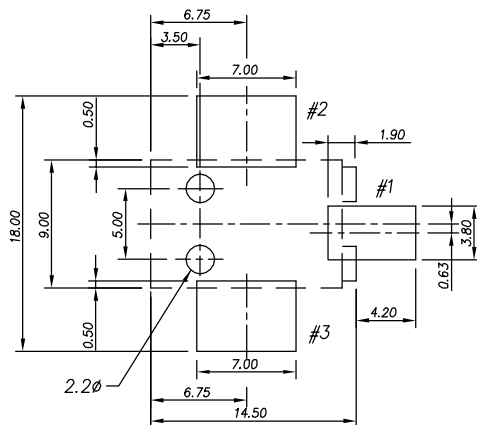
P/N	PIN DIA.	PACKAGE
2DC-0415B200	2.5 ϕ $\begin{smallmatrix} +0.1 \\ -0.1 \end{smallmatrix}$	TUBE
2DC-0415-B06	2.5 ϕ $\begin{smallmatrix} +0.1 \\ -0.1 \end{smallmatrix}$	TAPE&REEL



DETAIL A
SCALE 1:1

- #1 PIN
- #3 SHUNT TERMINAL
- #2 TIP SPRING

ELECTRICAL CIRCUIT



RECOMMENDED P.C.B LAYOUT
(TOL.±0.05)(TOP VIEW)