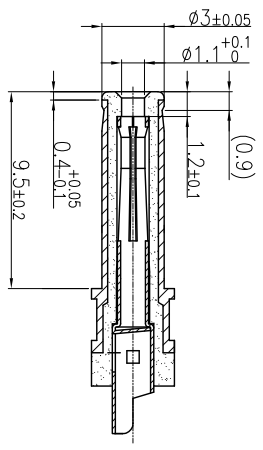
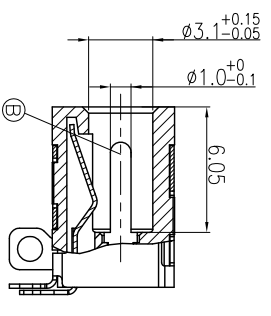
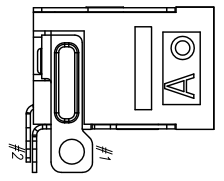
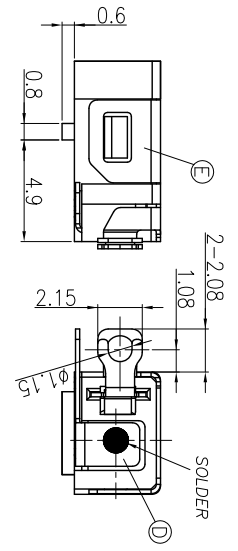
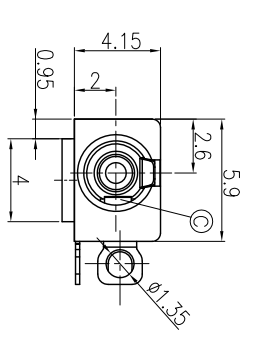
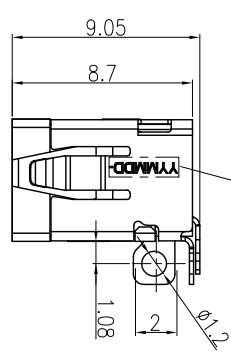


REV	EGN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO:TT21112-2A		Summer	2013.04.24

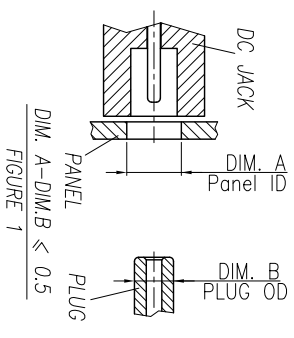
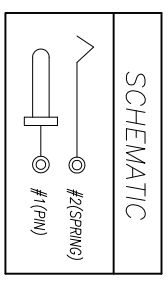
DATE CODE  
 YY:Year(07)  
 MM:Month(01~12)  
 DD:Day(01~31)



Mating Plug only SINGATRON  
 PART NO. ZDP-0053-K02

**SPECIFICATIONS:**

- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. RATING: 20V 3A
  - 1-2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
  - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
- 2. MECHANICAL CHARACTERISTICS:**
- 1. INSERTION FORCE: 3.0KG Max.
  - 2. WITHDRAWAL FORCE: 0.3KG~3.0KG
- 3. LIFE TEST: 5,000 CYCLES MIN.
  - 4. OTHER GENERAL SPEC. TO REFER "ZDC3099-000114F SPEC".
  - 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - 6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
  - 7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  - 8. FOR HAND SOLDERING LEAD-FREE PROCESS.
  - 9. THE PANEL'S ID MUST BE GREATER THAN THE PLUG'S OD WHICH MUST HAVE A DIFFERENCE OF LESS THAN OR EQUAL TO 0.5 mm.(AS SHOWN IN FIGURE 1.)



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	SHELL	1	COPPER ALLOY 0.2T	Sn 80u" OVER NI 50u"
D	TERMINAL	1	COPPER ALLOY 0.2T	Sn 60u" OVER NI 60u"
C	SPRING(-)	1	COPPER ALLOY 0.2T	Sn 80u" OVER NI 50u"
B	PLUG(+)	1	BRASS BAR	GOLD FLASH OVER NI 50u"
A	BODY	1	THERMOPLASTIC TEMP. UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

TITLE	DC POWER JACK
DWM	Summer
CHKD	Sky
APVD	Lussen

PART NO. ZDC3099-000114F  
 SCALE 1:1  
 UNIT: mm  
 SHEET: 10F1  
 REV: A

Singatron Enterprise Co., Ltd.  
 信營企業股份有限公司

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

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