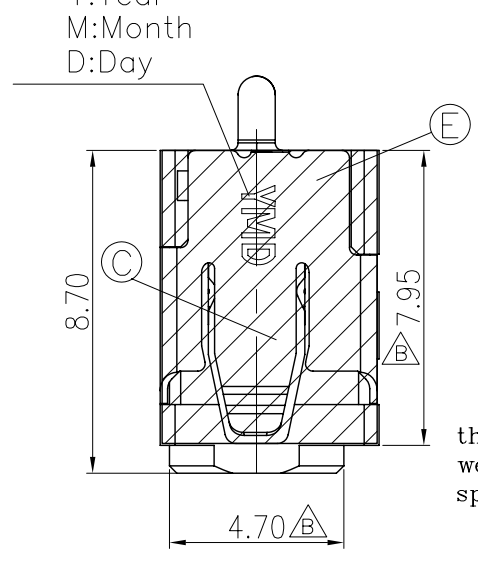
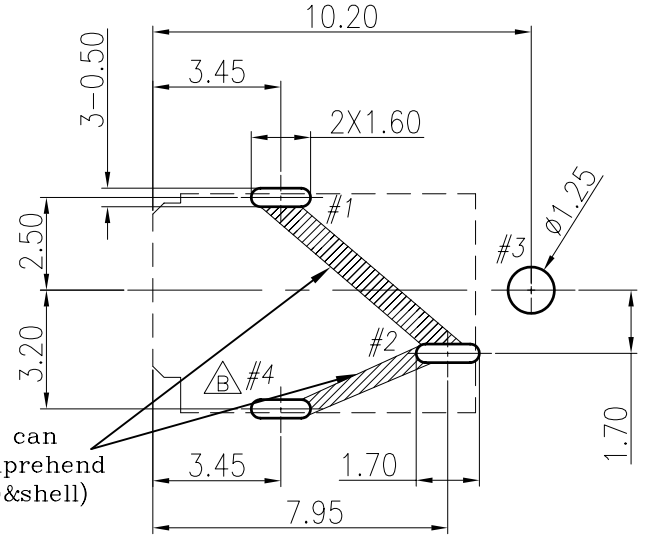


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T160325-3A	STONE	16.05.16
B	ECN NO.:C160103 UPDATE DRAWING	Cheney	16.11.25

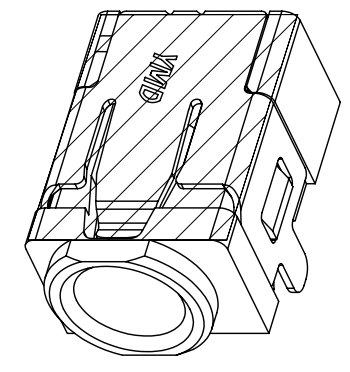
DATE CODE
Y:Year
M:Month
D:Day



the area can weld (comprehend spring(-)&shell)

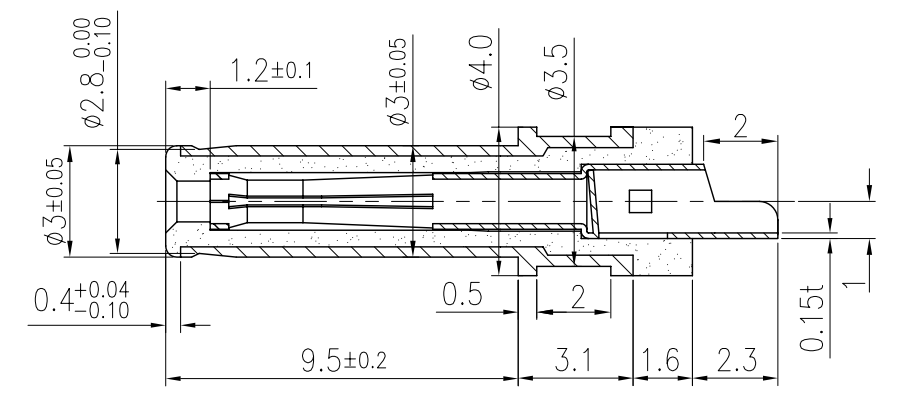
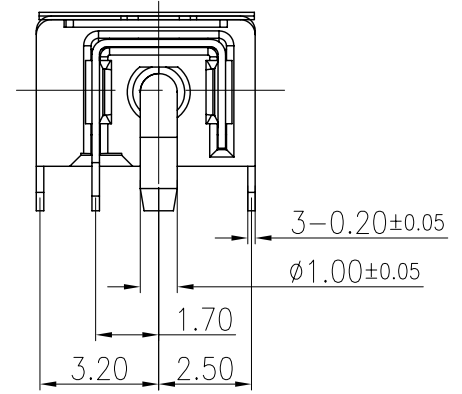
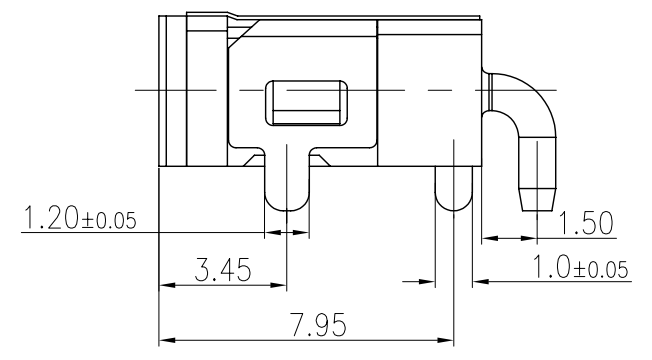
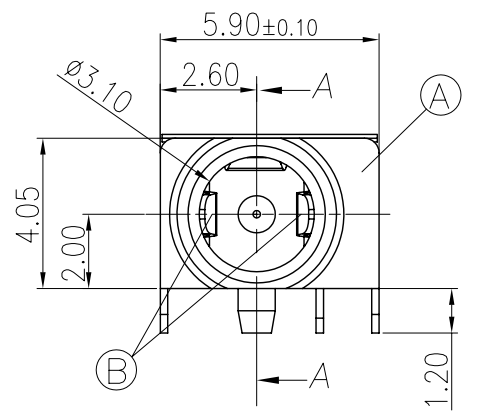


RECOMMENDED PCB LAYOUT
TOP VIEW (TOLERANCE: ±0.05)

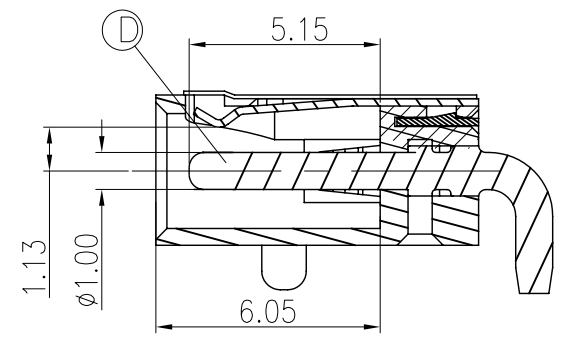
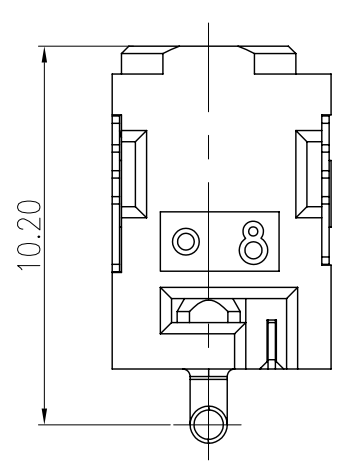


SPECIFICATIONS:

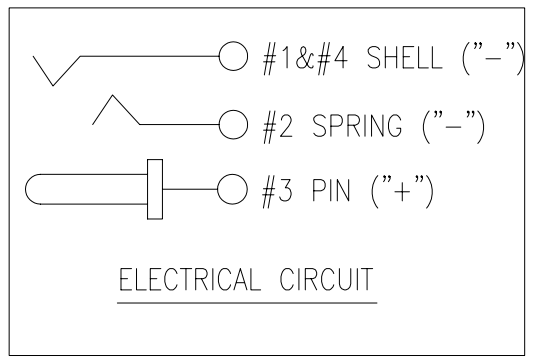
- RATING: DC 12V 6A
- INSERTION FORCE: 0.6KGF~2.0KGF
WITHDRAWAL FORCE: 0.4KGF~2.0KGF
- INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MΩ BY 500V DC.
- JACK SHALL WITHSTAND 500V AC. BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- CONTACT RESISTANCE SHALL NOT EXCEED 30mΩ
- JACK SHALL WITHSTAND 10,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 60mΩ
- ENVIRONMENTAL SPECIFICATIONS:
 - HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C ± 2°C FOR 96 HOURS.
 - HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
 - COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
- OTHER SPEC TO REFER 2DC-0053-K32F SPEC.
- PACKING: TAPE & REEL
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:



φ3.0 PULG TYPE(2DP-0053-K02)



SECTION A-A



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	MYLAR	1	MYLAR 0.1t	YELLOW TRANSPARENT
D	PIN	1	BRASS BAR	GOLD FLASH PLATING
C	SHELL	1	COPPER ALLOY 0.2t	GOLD FLASH PLATING
B	SPRING	1	COPPER ALLOY 0.2t	GOLD FLASH ON CONTACT AREA AND SOLDER AREA ,OVER Ni 60u"MIN. PLATING
A	BODY	1	PA10T+30%GF UL94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司					
DECIMALS:	ANGLES:	TITLE	DC POWER JACK				
X : ±0.5	X : ±2°	DWN	<table border="1"> <tr> <td>Nanlin-Chen 16/11/30</td> <td>PART NO.2DC-0053-K32F</td> </tr> </table>	Nanlin-Chen 16/11/30	PART NO.2DC-0053-K32F		
Nanlin-Chen 16/11/30	PART NO.2DC-0053-K32F						
X.X : ±0.3	X.X : ±1°	CHKD	<table border="1"> <tr> <td>Qicai-Hu 16/11/30</td> <td>SCALE 5:1</td> <td>UNIT: mm</td> <td></td> </tr> </table>	Qicai-Hu 16/11/30	SCALE 5:1	UNIT: mm	
Qicai-Hu 16/11/30	SCALE 5:1	UNIT: mm					
X.XX : ±0.2		APVD	<table border="1"> <tr> <td>Zij-Zhou 16/11/30</td> <td>SIZE: A3</td> <td>SHEET: 10F1</td> <td>REV: B</td> </tr> </table>	Zij-Zhou 16/11/30	SIZE: A3	SHEET: 10F1	REV: B
Zij-Zhou 16/11/30	SIZE: A3	SHEET: 10F1	REV: B				
CUSTOMER COPY							