

8

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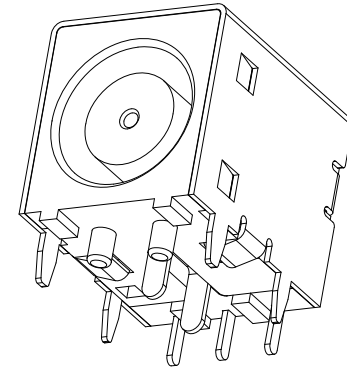
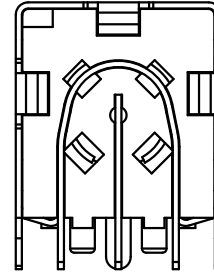
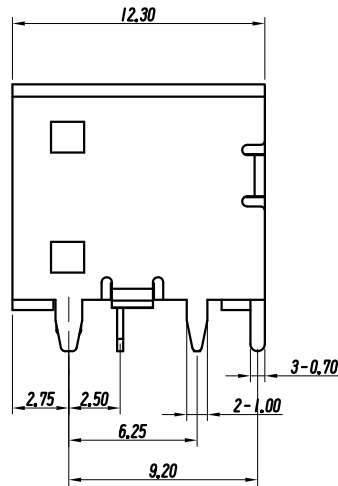
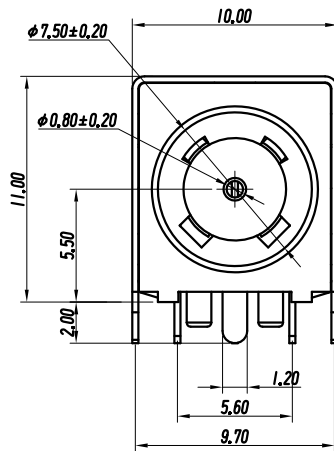
1

D

C

B

A



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

1-1. RATING: 42V 10A

1-2. CONTACT RESISTANCE: 30m MAX.(INITIAL)

1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.

1-4. INSULATION RESISTANCE: 100M MIN. MEASURED BY 250 VDC

2. MECHANICAL CHARACTERISTICS:

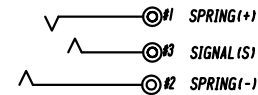
2-1. INSERTION FORCE : 3.0 KGF Max.

2-2. WITHDRAWAL FORCE : 0.35 KGF Min.

3. LIFE TEST: 5,000 CYCLES MIN.

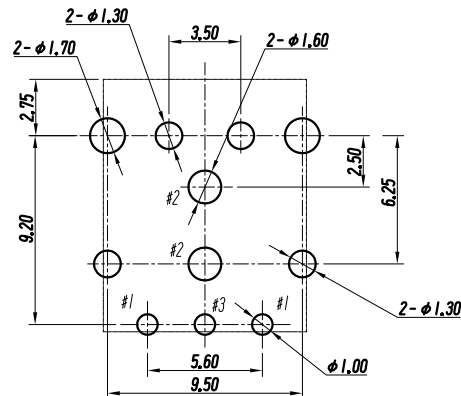
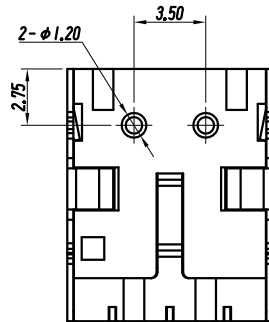
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

SCHEMATIC



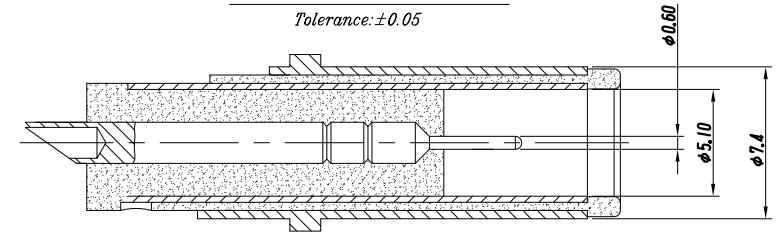
PCB LAYOUT

TOP VIEW (TOLERANCE:±0.05)



MATING PLUG: OD φ7.4 ; ID φ0.6

Tolerance: ±0.05



F	SHELL	1	BRASS 0.35T	—	Ni 60u"Min
E	SIGNAL (S)	1	COPPER ALLOY 0.3T	—	GOLD FLASH OVER Ni 50u"
D	CONTACT (+)	1	COPPER ALLOY 0.3T	—	GOLD FLASH OVER Ni 50u"
C	SPRING (-)	1	COPPER ALLOY 0.3T	—	GOLD FLASH OVER Ni 50u"
B	COVER	1	HIGH TEMP. THERMOPLASTIC	YELLOW(123C)	UL 94V-0
A	HOUSING	1	HIGH TEMP. THERMOPLASTIC	YELLOW(123C)	UL 94V-0
NO.	DESCRIPTION	QTY	MATERIAL	COLOR	REMARK

GENERAL TOLERANCES

0.X ±0.30 X° ±3°

0.XX ±0.20

0.XXX ±0.10 X.X° ±1°

UNIT SIZE SCALE

MM A4 1:1



DRAWN

DESIGN

CHECKED

APPROVED

C TITLE: DC-JACK

PART NO. DC-0531-10A

PRODUCT NO.

DRAWING NO.

UNIT: mm SCALE: 1:1 REV: 01-1 SHT: 1 OF 1

浙江创都电子科技有限公司

ECN NO.	REV	DATE	DESCRIPTION	MDF'D	APP'D
	01	2022.08.20	NEW DRAWING RELEASE		