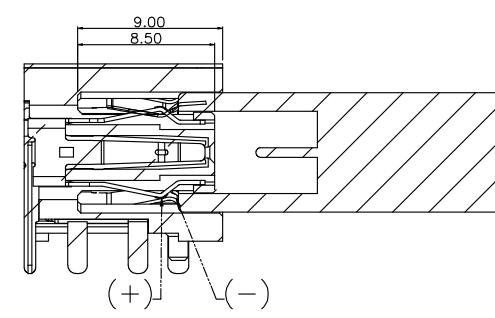
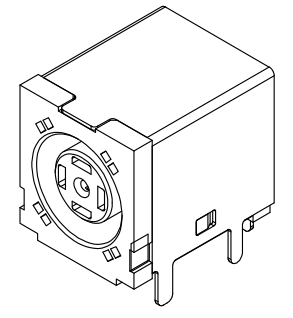
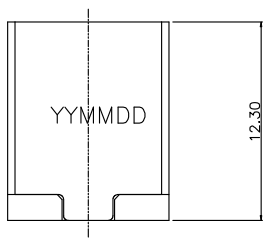


1 2 3 4 5 6 7

A



SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

1.1 CONNECTOR RATED CURRENT: 10.0A & 30°C MAX. T OVER AMBIENT
RATED VOLTAGE: 30V AC OR 42V DC

1.2 INSULATION RESISTANCE:100 MΩHMS MIN AT 100V DC AFTER 1 MINUTE

1.3 DIELECTRIC WITHSTANDING VOLTAGE: 150V AC FOR 1 MINUTE;

1.4 CONTACT RESISTANCE: DC_IN+/DC_IN-10 mΩHMS MAX. (Initial)
CENTER PIN:30 mΩHMS MAX.(Initial)
DC_IN+/DC_IN-20 mΩHMS MAX. (Final)
CENTER PIN:40 mΩHMS MAX. (Final)

2.MECHANICAL CHARACTERISTICS:

2.1 MATING FORCE: 3KG/F

2.2 UNMATING FORCE: 1~2.5KG/F

2.3 DURABILITY(MATING/UNMATING CYCLES): 5000
UNMATING FORCE AFTER DURABILITY TEST :0.7~2.5KG/F

3.OPERATING TEMPERATURE RANGE:-40°C~85°C

4.HUMIDITY: 85% RH MAX;

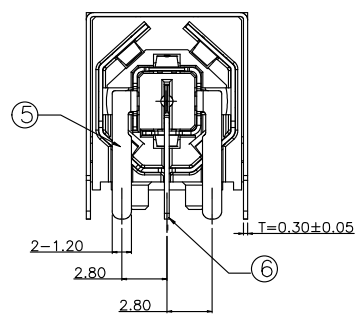
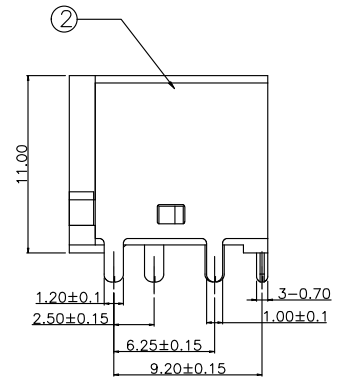
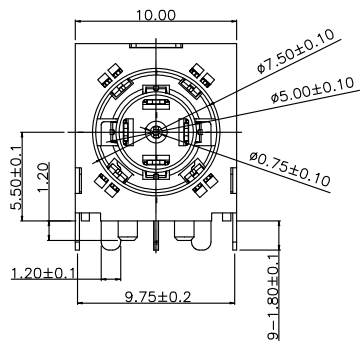
5.P.C.B. LAYOUT DIMENSION DEFAULT TOLERANCE:±0.05(.002)

6.RECOMMENDED P.C.B.THICKNESS:1.60±0.05(.063±.002)

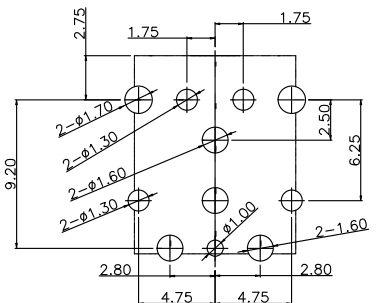
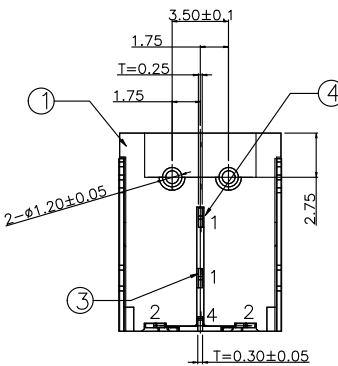
7.RECOMMENDED PROSS:IR REFLOW PEAK TEMPERATURE 230~250°C,20~40s
OR WAVE SOLDER PEAK TEMPERATURE 265°C,3~5s

8.THE PRODUCT IS RoHS COMPLIANT
客户料号: DC4297C-L001-007500W

B

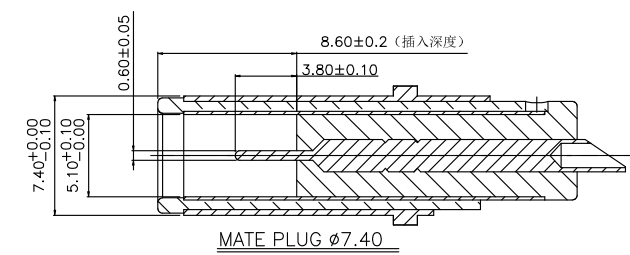


C



Recommended PCB Layout [TOP VIEW]

SCHEMATIC		
	2 (POWER PIN)	DC_IN+DC_IN
	4 (CENTER PIN)	CENTER PIN
	1 (GROUND PIN)	DC_IN-DC_IN



D

ITEM DESCRIPTIONS	MATERIAL	FINISH	Q'TY	NOTE
⑥ DETECT PIN	PHOSPHOR BRONZE C7025	Au+Tin(100u")	1	
⑤ POWER PIN	PHOSPHOR BRONZE C7025	Au+Tin(100u")	1	
④ GROUND PIN 2	PHOSPHOR BRONZE C7025	Au+Ni(50u")	1	
③ GROUND PIN 1	PHOSPHOR BRONZE C7025	Au+Ni(50u")	1	
② SHELL	SUS304	Ni(50u")	1	
① HOUSING	PA10T		1	

E

*COPLIANCE WITH THE REQUIEMENT □RoHS ■HF □ SONY00259 □ OTHER : NO USING RESTRICTED AND BANNED SUBSTANCE

REV	变更处	变更描述	变更人	日期
A1	—	取消左右3PIN中间PIN端子, 左右3PIN端子、塑胶变更	H. QIU	2017. 05. 23

TOLERANCE UNSPECIFIED		TITLE:		浙江创都电子科技有限公司		
X. XXX	± 0.10	DC POWER JACK H=11.0		UNIT	DESIGNER	~
X. XX	± 0.20	PART NO.		mm	CHECKED	
X. X	± 0.30	DC-7405-075-10A-Z		REV	APPROVED	
X.	± 0.50			SHEET	DATE	2017. 05. 23
ANGLE	± 3°			1 of 2		

1 2 3 4 5 6 7