

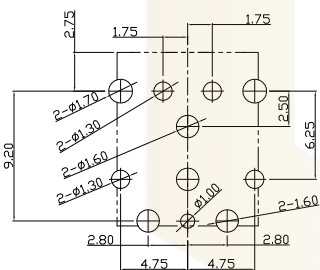
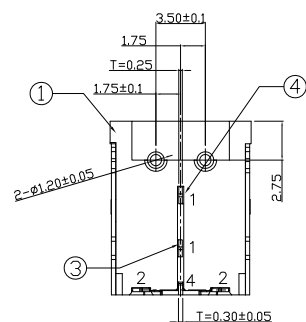
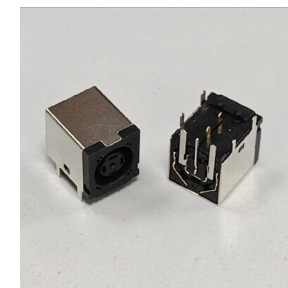
SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 CONNECTOR RATED CURRENT: 10A 83°C MAX. T OVER AMBIENT
RATED VOLTAGE: 30V AC OR 42V DC
- 1.2 INSULATION RESISTANCE:100 MOHMS 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 MOHMS MAX. (Initial)
CENTER PIN30 MOHMS MAX.(Initial)
DC_{IN}/DC_{IN}-20 MOHMS MAX. (Final)
CENTER PIN40 MOHMS MAX. (Final)

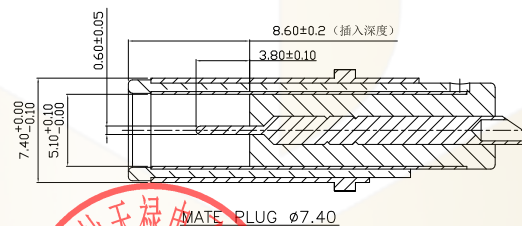
2.MECHANICAL CHARACTERISTICS:

- 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 DRAWING DIMENSION DEFAULT TOLERANCE:±0.05(±0.02)
6.RECOMMENDED P.C.B.THICKNESS:1.60±0.05,0.63±0.02;
7.RECOMMENDED PROSS: REFLOW PEAK TEMPERATURE 230~250°C,20~40s
OR WAVE SOLDER PEAK TEMPERATURE 265°C,3~5s
8.THE PRODUCT IS ROHS COMPLIANT



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



~~MATE PLUG $\phi 7.40$~~

Ordering Information

HC- DC*** - * - * ** - * - ** - ** - 08

序列号	Nature	Foot	Type	T=Through holes	PIN Diameter	Material
M=Male	2=2P	DIP=OP (插脚)			1.3~ø1.3mm	HT=不锈钢
F=Female	3=3P	SMT=SMT (贴片)			1.65~ø1.65mm	M=树脂
	4=4P	VS=Vertical DIP (立脚)	VO=Vertical SMT (立脚)		2.0~ø2.0mm	
			MS=Mini Mount (贴片)		2.5~ø2.5mm	
			DS=DIP+SMT (表面贴片)			
			WB=Wire Bonding (线连接)			

⑥	DETECT PIN	C7025	Au+TiN(100u")	1	
⑤	POWER PIN	C7025	Au+TiN(100u")	1	
④	GROUND PIN 2	C7025	Au+Ni(50u")	1	
③	GROUND PIN 1	C7025	Au+Ni(50u")	1	
②	SHELL	SUS304	NOTES PART NO.	1	
①	HOUSING	PA10T		1	
ITEM	DESCRIPTIONS	MATERIAL	FINISH	Q'TY	NOTE

			GENERAL TOLERANCE		制 图 DRAWING		 深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM	TOL	审 核 CHECK					
			X.X	±0.30	批 准 APPROVAL		产品名称 TITLE	电源插座 母座 9P 卧插 04.9 半铜	版 本 REV.	A
			X.XX	±0.20	比 例 SCALE		产品料号 PART NO.	HC-DC7405-F-9DIP-4. 9-M-08	单 位 UNITS	mm
1	初版发行		X.XXX	±0.10	投 影 Projection			材料 MATERIAL	页 次 SHEET	1/1
序号 No.	变更内容 MODIFY CONTENT	日期 MODIFY DATE	Angle	±3.0°						