

DC MATE PLUG

Recommended PCB Layout  
(Tolerance  $\pm 0.05$ )  
(Copper-sided View)

Ordering information:

DC 0002A - ? ? ? 0A S 0 4

? ? ? ? ? ? ? (8)(9)

? :Series type:DC=DC POWER JACK

? :Series No.

? : Schematic option: A,B

? :Center pin diameter:

C= $\phi 1.0$ , E= $\phi 1.3$ , G= $\phi 1.65$

? :Material of housing:

PB=PBT, 46=PA46, 9T=PA9T

? :Housing color:

Zero  $\rightarrow$  0A=Black (Standard)

? :Terminal plating

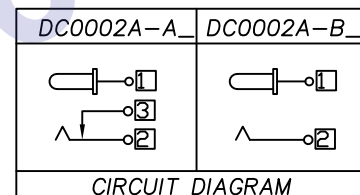
S=Silver(Ag)

(8):Special option:

Zero  $\rightarrow$  0=No special option

(9):Packing mode:

4=Bag packing



□ : TERMINAL NO.

Model No.	DC0002A- _C	DC0002A- _E	DC0002A- _G
PIN	$\phi 1.0$	$\phi 1.3$	$\phi 1.65$
DC PLUG O.D.	$\phi 3.5$	$\phi 3.5$	$\phi 4.00$

NO.	DESCRIPTION	QTY	MATERIAL	PART NO.	PLATING
⑥	Shunt terminal	③ 1	Brass t=0.4	DC0002A-03(WP-751)	Silver plating
⑤	Tip spring	② 1	SUS301 t=0.2	DC0002A-02(TP-752)	Silver plating
④	Center pin terminal	① 1	Brass t=0.4	DC0002A-01(PP-753)	Silver plating
③	Center pin	① 1	Brass	DC00020-99A/C/E	Nickel plating
②	Cover	1	PBT/PA46/PA9T UL94V-0	DC00020-S2	
①	Housing	1	PBT/PA46/PA9T UL94V-0	DC00020-S1	

UNIT:MM	TYPE:	MODEL NO:	PAPER NO: A4	PAGE 1 OF 1
	DC POWER JACK	DC0002A- _ _ _ 0AS04	TOLERANCE	ANGLES
			$\pm 0.3$	$\pm 2^\circ$
			SCALE	VER
			FULL	2

DESIGNER BY:	Leiyu 2010.11.25
CHECK BY:	
APPROVED BY:	

HDC有限公司

SPECIFICATION

- 1.Rating ? DC 30V 1A?
- 2.Contact resistance?  $\leq 50m\Omega$ ?
- 3.Insulation resistance??  $100M\Omega$  (DC500V)?
- 4.Withstand voltage? 500VAC ?
- 5.Insertion and extraction force? 3-30N;
- 6.life test? 5,000 cycles?