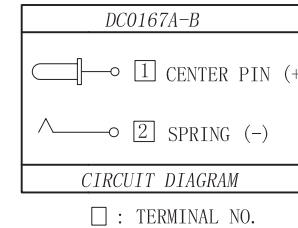


- Specification:
- Rating : DC 20V 5A;
  - Contact resistance:  $\leq 30m\Omega$  ;  
After test:  $\leq 50m\Omega$
  - Insulation resistance:  $\geq 100M\Omega$  (500VDC);  
After test:  $\geq 50M\Omega$
  - Withstand voltage: 500VAC ;
  - Insertion and extraction force: 3N~30N;
  - life test: 5000cycles min;
  - Operation temperature range:-20°C~70°C
  - Preservative temperature range:-40°C~85°C

REV.	Q' TY	ECN. NO.	REASON&CONTENTS	SIGN	DATE
△ 1			Changed Center Pin's Structure	Pd X	3/11' 11
△ 2			Added Center Pin's Plating Spec.	Ocean	11/08' 11
△ 1			Add Halogen Free Spec.	PJ	04/25' 12

Ordering information:  
 DC 0167A - B □ □ □ 0A S □ 4  
 (1) (2) (3) (4) (5) (6) (7) (8) (9)  
 (1):Series type:DC=DC POWER JACK  
 (2):Series No.  
 (3):Schematic option: B  
 (4):Center pin diameter:  
 G=∅1.65 H=∅2.0 J=∅2.5  
 (5):Material of housing:  
 10=PA10T, PB=PBT  
 (6):Housing color:  
 Zero 0A=Black  
 (7):Terminal plating:  
 S=Silver (Ag)  
 (8):Special option:  
 0= Ni Plating for Center Pin(RoHS)  
 △ 1= CuSn Plating for Center Pin(RoHS)  
 △ H= Ni Plating for Center Pin, Housing is Halogen Free  
 F= CuSn Plating for Center Pin, Housing is Halogen Free  
 (9):Packing mode:  
 4=Bag packing



NO.	DESCRIPTION	Q' TY	MATERIAL	PART NO.	REMARK
⑥	Ground shield	1	Stainless steel	DC01670-W1	Nickel plating
⑤	Shield plate	1	Stainless steel	DC0044A-W1	
④	Peg	1	Copper Alloy	DC01160-04	Tin plating
③	Tip spring	② 1	Copper Alloy	DC01670-02	Silver plating
②	Center pin	① 1	Zinc Alloy	DC01670-99G	Ni/CuSn Plating △
				DC01670-99H	
				DC01670-99J	
①	Housing	1	Thermoplastic	DC01670-S1	Black

THIS DOCUMENT IS THE SOLE PROPERTY OF Bsun ELECTRONICS CO., LTD. AND SHOULD NOT BE USED IN WHOLE OR INPART WITHOUT PRIOR WRITTEN PERMISSION.	UNIT:MM	TOLERANCE		TYPE:	MODEL NO:	DRAWING TYPE:	
		DIMENSIONS	ANGLES	DC POWER JACK	DC0167A-B_ _ _OAS_4	CUSTOMER DRAWING	
		.X ±0.50	.X ±5°		DRAWING No:	SCALE: VER. : PAGE:	
		.XX ±0.30	.X ±3°				BSCR-0000-0050
.XXX±0.15	.XX ±2°	DESIGNER BY:	淮 洋 有 限 公 司 HUI YANG CO., LTD. www.hy1688.com.tw TEL:886-2-82618986				
		CHECK BY:					
		APPROVED BY:					