



RECOMMENDED PCB LAYOUT THICKNESS=1.2mm  
TOLERANCE:±0.05

**NOTE:**  
**1.MATERIALS**  
 INSULATOR : PBT+30% GF UL 94V-0, BLACK.  
 SHELL (外壳): SPCC, T=0.35mm.  
 TERMINAL (端子): C2680, T=0.2mm.  
 HARPOON (鱼叉): C2680.  
 SCREW (螺丝): SPCC.  
 RIVET (铆钉): C3604. WITH #4-40 THREADED ASSEMBLED  
**2.PLATING**  
 TERMINAL: GOLD FLASH PLATED ON CONTACT AREA.  
 NICKL 30u" MIN UNDERPLATING OVER ALL.  
 TIN 80u" MIN PLATED ON SODERING TAIL.  
 HARPOON: 80u" MIN. TIN PLATED.  
 SHELL: NI 50u" MIN PLATED.  
 SCREW: NI 50u" MIN PLATED  
 RIVET: NI 50u" MIN PLATED  
**3.ELECTRICAL CHARACTERISTICS**  
 CURRENT RATING : 1.0 AMP DC  
 VOLTAGE RATING: 300 V DC  
 CONTACT RESISTANCE : 20 MILLIOHMS MAX.  
 DIELECTRIC WITHSTANDING VOLTAGE : 1000 V AC MIN.  
 INSULATION RESISTANCE : 1000 MEGAOHMS MIN.  
**4.MECHANICAL**  
 MATING FORCE: 5.5Kgf MAX.  
 UNMATING FORCE: 1.0 Kgf MIN  
**5.ENVIRONMENTAL**  
 OPERATING TEMPERATURE: -55°C ~ +85°C  
 STORAGE TEMPERATURE: -55°C ~ +105°C

A.1

REV.	ECN. NO.	DRAWN	DATE	EC.content
A.0	NEW	Candy	08/22/2022	-
A.1	EN2304004	Candy	06/04/2023	增加产品各部件材质描述及镀层的描述



⊗: QUALITY CONTROL ITEM	GENERAL TOLERANCE .X± 0.38 X.*± 2' .XX± 0.25 .X.*± 1' .XXX± 0.13	PART NO.: WD-3008(研达)
APPROVED		TITLE: SLIM 9公正向二排沉板式, 尾端2.5mm, 铆合锁螺丝, 塑胶定位柱不一
CHECKED		
DRAWN	UNIT: mm	SCALE: 1:1 SHEET: 1/1 REV.: A.1

F  
E  
D  
C  
B  
1  
A4