

RoHS Compliant

**Specifications:****Material And Finish:**

Insulator:LCP UL94V-0 Color:BLACK
Contact:High Conductivity Copper Alloy
Plated:See Ordering Informtaion

Rating:

Current Rating:
Power Contact:130A Max
Voltage Rating:
Power module:125AC,125DC
Operating Temperature Range:-40°~+105°C

Electrical:

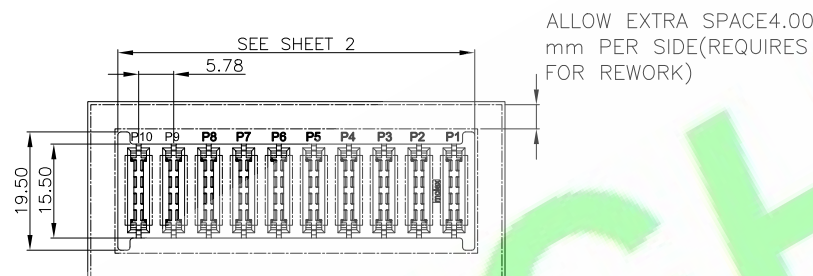
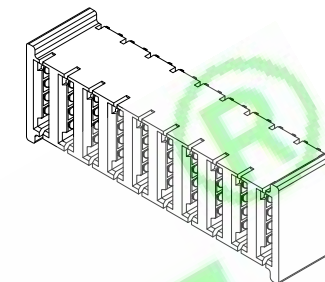
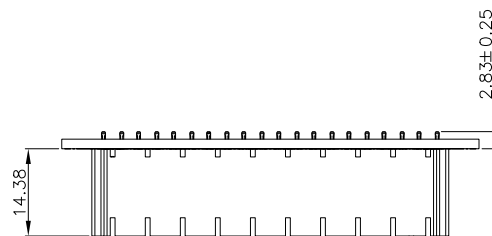
Contact resistance:
Power Contact 0.38m Ohm Max

Insulator resistance:5000M ohm min
Withstanding Voltage:1500V AC/Minute

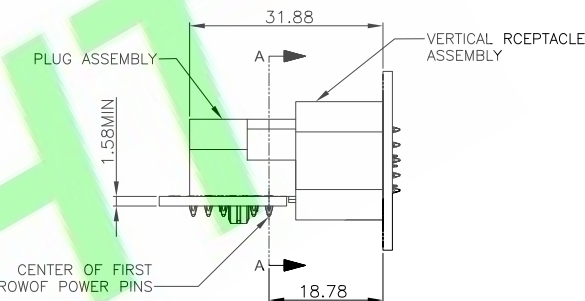
Ordering Information**PM57801S-XXFY-02-C**

1 2 3 4 5 6

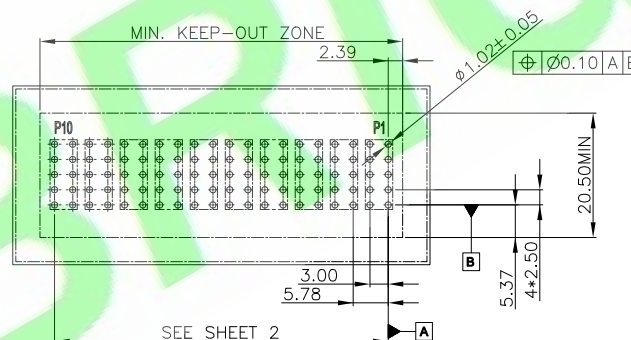
- 1: — Series No.
2: — S: Straight Type
3: — No. of Positions
4: — F: Female
5: — Y: 30u" Gold on Contact;
Selective Tin on tail
6: — C: In Tray



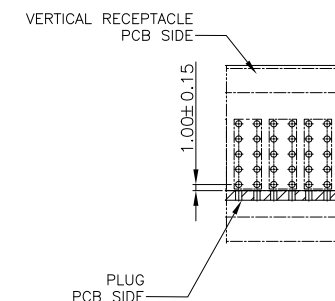
ALLOW EXTRA SPACE 4.00
mm PER SIDE (REQUIRES
FOR REWORK)



PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE



SECTION A-A
(POWER CKTS ARE ALIGNED)

DR.BY.: xiao	GENERAL TOLERANCE:		PART NO : PM57801S-XXFY-02-C
	LINEAR	ANGLES	
CHKD.: Hu.ch	x.: ±0.35	x': ±5.0°	DWG. NO.:
	x.x: ±0.30	x.x': ±3.0°	
APPD.: Billy	x.xx: ±0.25	x.xx': ±2.0°	TITLE : Power Pin Straight Plug assy-Ten60 Power Family
	x.xxx: ±0.10	x.xxx': ±1.0°	
DATE: 07-Dec-2024			

HJBRIGHT 東莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1
SCALE: 1:1
UNIT: mm



THIRD ANGLE PROJECTION

A4

1X	ORIGINAL	xiao	
REV.	DESCRIPTION	DR.BY	ECN. NO

		1		2		3		4		5		6		7		8	
TYP A 1				TYP A 2				TYP A 3				RoHS Compliant					
TYP A 4				TYP A 5				TYP A 6									
TYP A 7				TYP A 8				TYP A 9									
TYP A 10																	
DR.BY.: xiao		GENERAL TOLERANCE:		PART NO : PM57801S-XXFY-02-C		HJBRIGHT® 東莞市華晶電子有限公司											
CHKD.: Hu.ch		LINEAR		DWG. NO.:		BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED											
APPD.: Billy		ANGLES		TITLE :		SHEET: 1/1											
		x.: ±0.35		x': ±5.0°		Power Pin StraightPlug											
		x.x: ±0.30		x.x': ±3.0°		assy-Ten60 Power Family											
		x.xx: ±0.25		x.xx': ±2.0°		DATE: 07-Dec-2024											
		x.xxx: ±0.10		x.xxx': ±1.0°													
1X		ORIGINAL		xiao		SHEET: 1/1											
REV.		DESCRIPTION		DR.BY		SCALE: 1:1											
		ECN. NO		Billy		UNIT: mm											
						THIRD ANGLE PROJECTION											