

RoHS Compliant

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

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

Rating:

Current Rating:

Signal Contact:4.5A AC/DC

Power Contact:130A Max

Voltage Rating:

Signal Module:125V AC/DC

Power module:125V AC/DC

Operating Temperature Range:-40~+105°C

Electrical:

Contact resistance:

Signal Contact 10m Ohm Max

Power Contact 0.38m Ohm Max

Insulator resistance:5000M ohm min

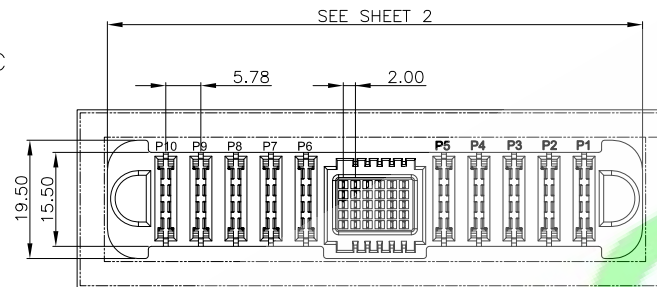
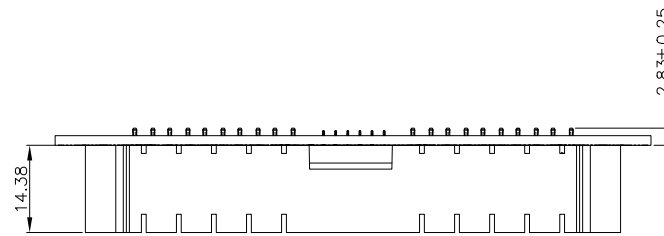
Withstanding Voltage:1500V AC/Minute

Ordering Information

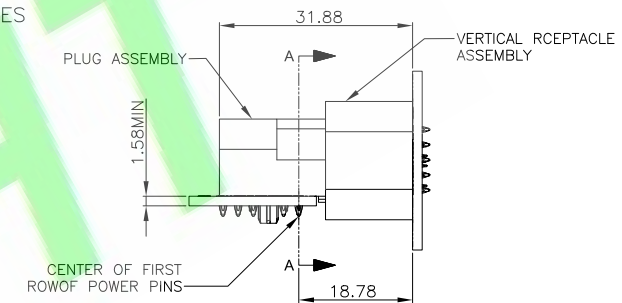
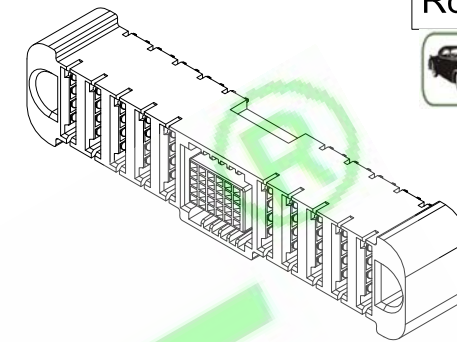
PM578020S-XXFY-03-C

1 2 3 4 5 6

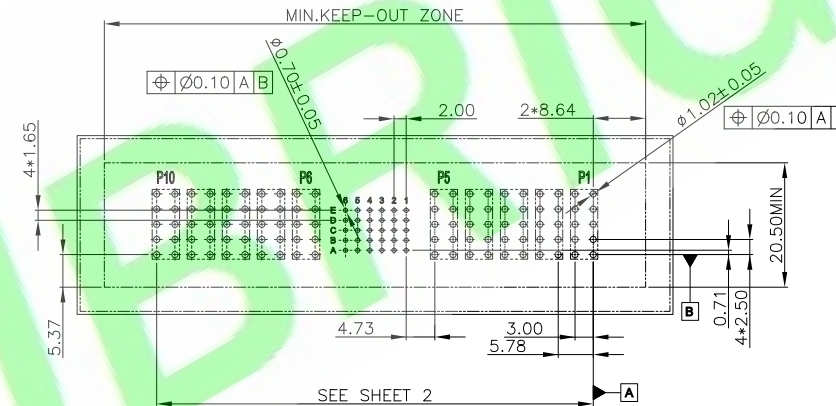
- 1: Series No.
- 2: S: Straight Type
- 3: No. of Positions
- 4: F: Female
- 5: Y: 30u" Gold on Contact;
Selective Tin on tail
- 6: C: In Tray



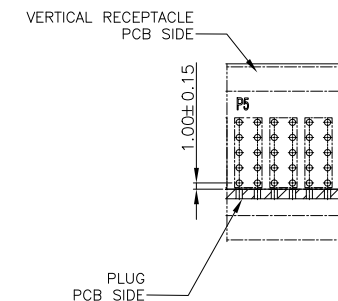
ALLOW EXTRA SPACE 4.00
mm PER SIDE (REQUIRES
FOR REWORK)



PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

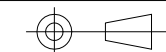


SECTION A-A
(POWER CKTS ARE ALIGNED)

DR.BY.: xiao	GENERAL TOLERANCE:		PART NO : PM578020S-XXFY-03-C	
CHKD.: Hu.ch	LINEAR	ANGLES	DWG. NO.:	
	x.: ±0.35	x': ±5.0°	TITLE : Power Pin and Singnal Pin StraightPlug assy-Ten60 Power Family	
APPD.: Billy	x.x: ±0.30	x.x': ±3.0°	DATE: 07-Dec-2024	
	x.xx: ±0.25	x.xx': ±2.0°		
	x.xxx: ±0.10	x.xxx': ±1.0°		

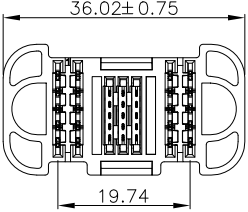
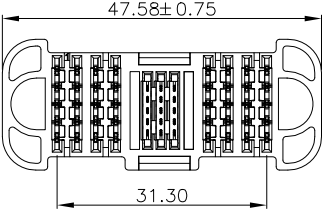
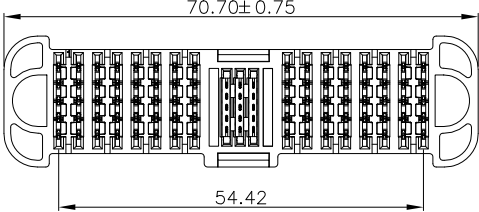
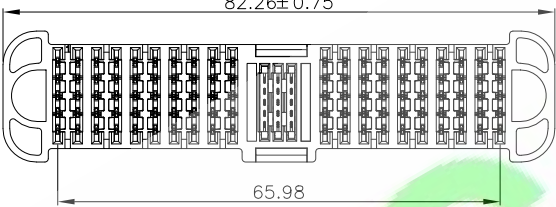
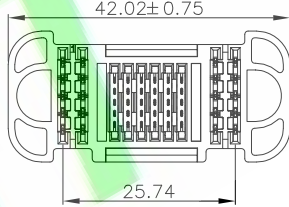
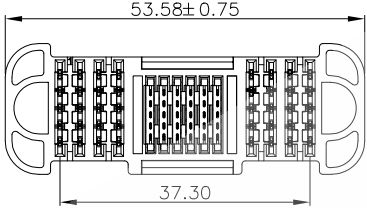
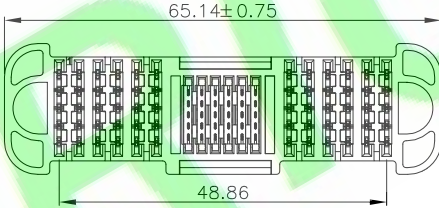
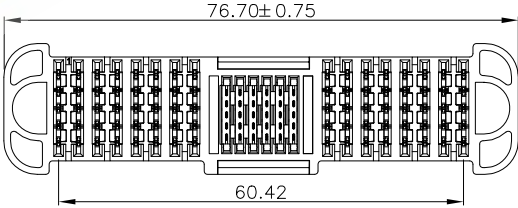
HJBRIGHT 東莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

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



THIRD ANGLE PROJECTION

A4

SHEET 2		2PIN+15PIN		4PIN+15PIN		6PIN+15PIN		RoHS Compliant	
									
		8PIN+15PIN		10PIN+15PIN		2PIN+30PIN			
									
		4PIN+30PIN		6PIN+30PIN		8PIN+30PIN			
									
		10PIN+30PIN							
		