

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

PM578020R-XXFY-03-C

1 2 3 4 5 6

1: — Series No.

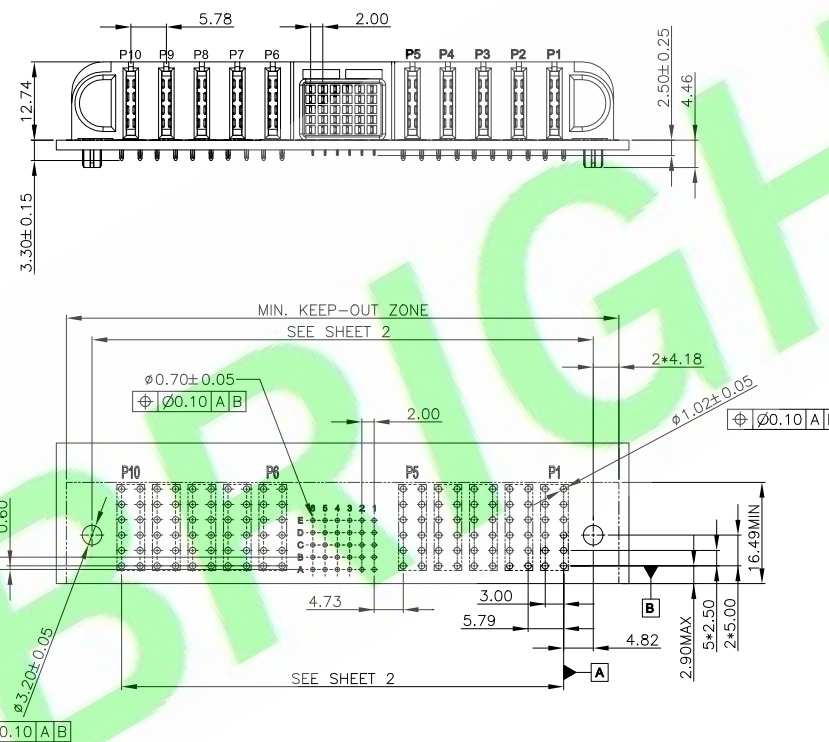
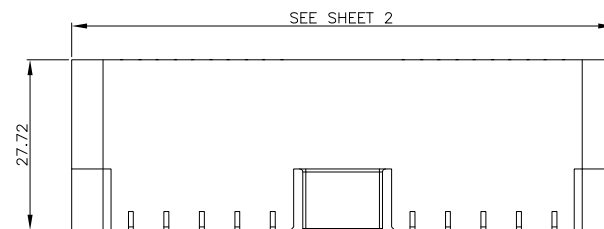
2: — R/R/A Type

3: — No. of Positions

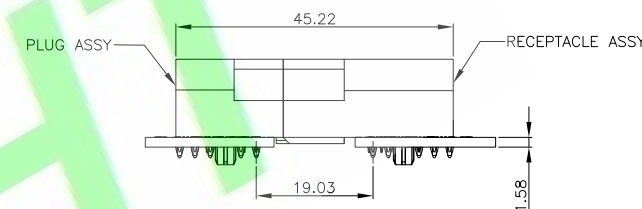
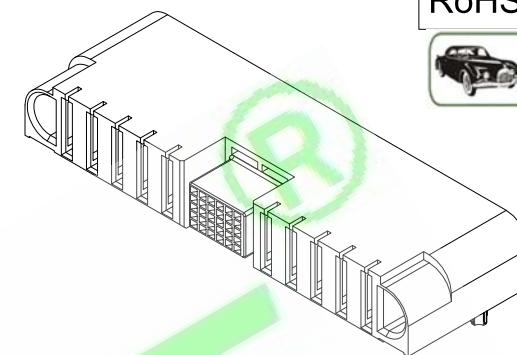
4: — F:Female

5: — Y:30u"Gold on Contact;
Selective Tin on tail

6: — C:In Tray



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE



PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE

DR.BY.: xiao	GENERAL TOLERANCE:		PART NO : PM578020R-XXFY-03-C	
CHKD.: Hu.ch	LINEAR	ANGLES	DWG. NO.:	
APPD.: Billy	x.: ±0.35	x': ±5.0°	TITLE : Power Pin and Singnal Pin R/A Type assy-Ten60 Power Family	
	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

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

SHEET 2		2PIN+15PIN		4PIN+15PIN		6PIN+15PIN		RoHS Compliant	
8PIN+15PIN		10PIN+15PIN		2PIN+30PIN					
4PIN+30PIN		6PIN+30PIN		8PIN+30PIN					
10PIN+30PIN									
DR.BY.: xiao		GENERAL TOLERANCE:		PART NO : PM578020R-XXFY-03-C		HJBRIGHT® 东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		Power Pin and Singnal Pin R/A Type		SCALE: 1:1			
		x.x: ±0.30		assy-Ten60 Power Family		UNIT: mm			
		x.xx: ±0.25		DATE: 07-Dec-2024		THIRD ANGLE PROJECTION			
		x.xxx: ±0.10				A4			
		x.xxx': ±1.0°							