

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-XXMY-02-C

1 2 3 4 5 6

1:—Series No.

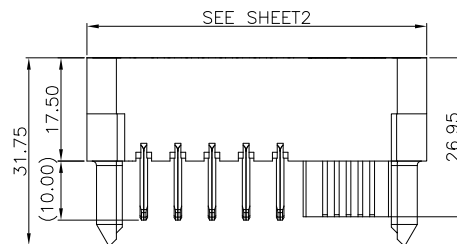
2:—R:R/A Type

3:—No. of Positions

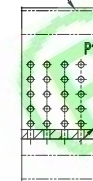
4:—M:Male

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

6:—C:In Tray



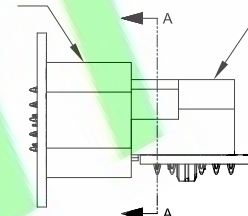
VERTICAL RECEPTACLE
PCB SIDE



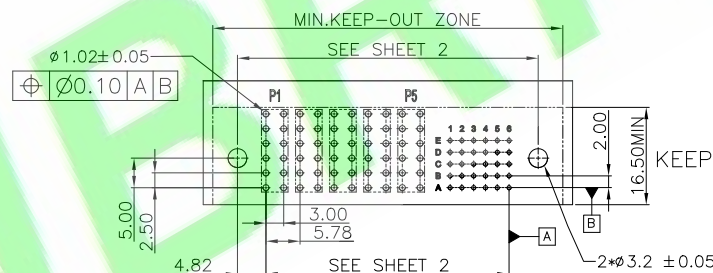
SECTION A-A
(POWER CKTS ARE ALIGNED)

VERTICAL RECEPTACLE
ASSEMBLY

PLUG ASSEMBLY



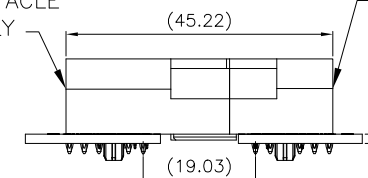
PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE



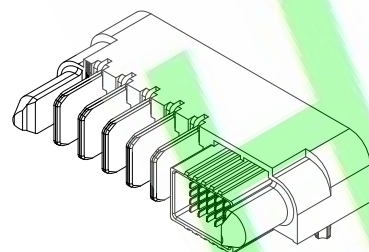
RECOMMENDED PCB LAYOUT
AND KEEP-OUT ZONE

R/A RECEPTACLE
ASSEMBLY

PLUG ASSEMBLY



PLUG MATED TO R/A RECEPTACLE
MATED PROFILE



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

DR.BY.: xiao	GENERAL TOLERANCE:		PART NO : PM578020R-XXMY-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 AND SIGNAL PIN R/A Type 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

SHEET2		1PIN+15PIN		2PIN+15PIN		3PIN+15PIN		RoHS Compliant	
								Automobile Product	
4PIN+15PIN		5PIN+15PIN		1PIN+30PIN					
2PIN+30PIN		3PIN+30PIN		4PIN+30PIN					
5PIN+30PIN									
DR.BY.: xiao		GENERAL TOLERANCE:		PART NO : PM578020R-XXMY-02-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		X.X: ±0.30		TITLE : POWER PIN AND SIGNAL PIN		SHEET: 1/1			
		X.XX: ±0.25		R/A Type PLUG ASSY-TEN60		SCALE: 1:1			
		X.XXX: ±0.10		POWER FAMILY		UNIT: mm			
DATE: 07-Dec-2024						THIRD ANGLE PROJECTION		A4	