

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:125AC,125DC
Operating Temperature Range:-40°~+105°C

Electrical:

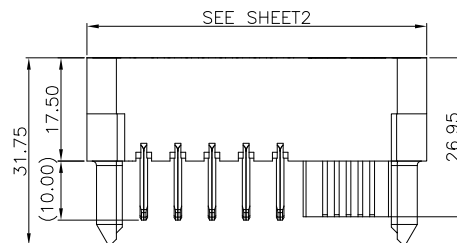
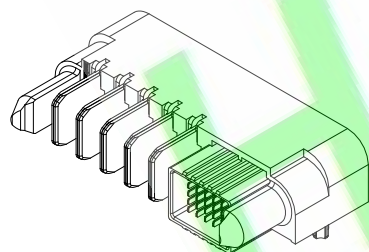
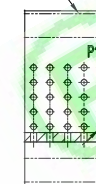
Contact resistance:
Signal Contact 10m Ohm Max
Power Contact 0.38m Ohm Max

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

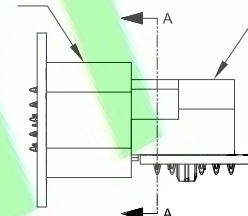
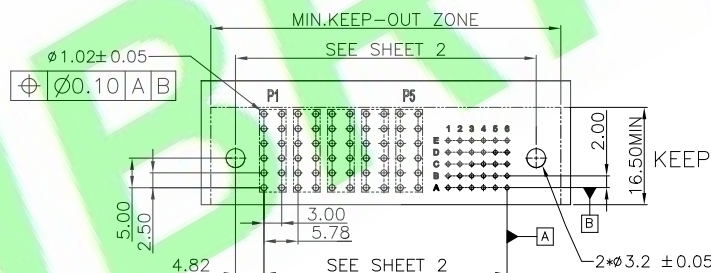
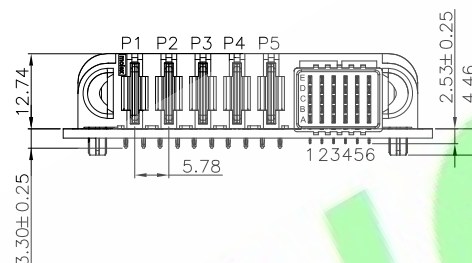
Ordering Information**PM578020R-XXMY-02-C**

1 2 3 4 5 6

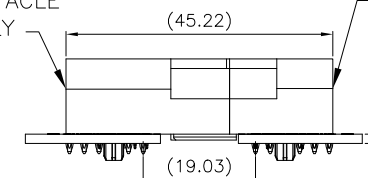
- 1: — Series No.
2: — R:R/A Type
3: — No. of Positions
4: — M:Male
5: — Y:30u"Gold on Contact;
Selective Tin on tail
6: — C:In Tray

VERTICAL RECEPTACLE
PCB SIDESECTION A-A
(POWER CKTS ARE ALIGNED)VERTICAL RECEPTACLE
ASSEMBLY

PLUG ASSEMBLY

PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILERECOMMENDED PCB LAYOUT
AND KEEP-OUT ZONER/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



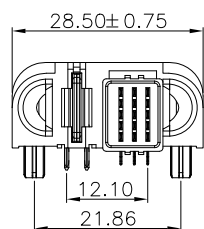
THIRD ANGLE PROJECTION

A4

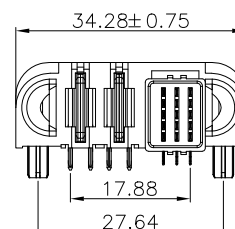
RoHS Compliant



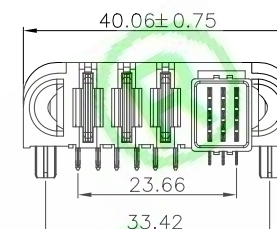
TYP A 1



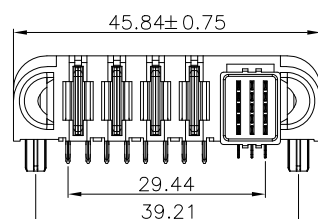
TYP A 2



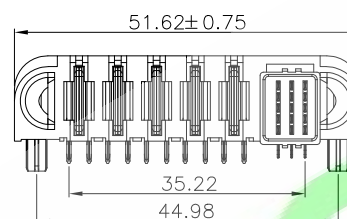
TYP A 3



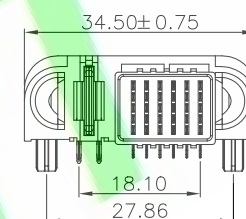
TYP A 4



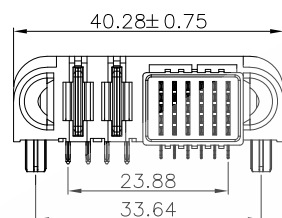
TYP A 5



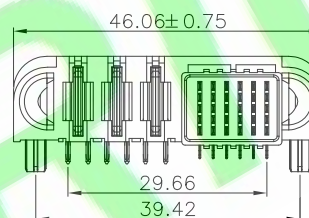
TYP A 6



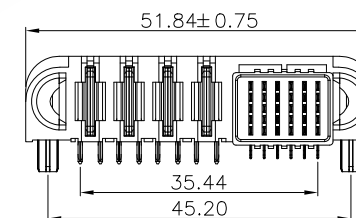
TYP A 7



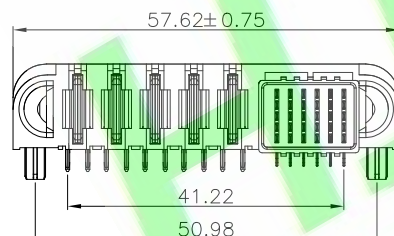
TYP A 8



TYP A 9



TYP A 10



DR.BY.:

xiao

CHKD.:

Hu.ch

APPD.:

Billy

GENERAL TOLERANCE:

LINEAR

ANGLES

x.: ±0.35

x': ±5.0°

x.x: ±0.30

x.x': ±3.0°

x.xx: ±0.25

x.xx': ±2.0°

x.xxx: ±0.10

x.xxx': ±1.0°

PART NO : PM578020R-XXMY-02-C

DWG. NO.:

TITLE : POWER PIN AND SIGNAL PIN
R/A Type PLUG ASSY-TEN60
POWER FAMILY

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