

Specifications:

Material And Finish:

Insulator:LCP UL94V-0 Color:BLACK

Contact:High Conductivity Copper Alloy

Plated:See Ordering Informtaion

Rating:

Current Rating:

Signal Contact:2.5A AC,DC

Power Contact:60A Max

Voltage Rating:

Signal Module:250V AC,DC

Power module:600AC,250DC

Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:

Signal Contact 30m Ohm Max

Power Contact 0.3m Ohm Max

Insulator resistance:5000M ohm min

Withstanding Voltage:1500V AC/Minute

Ordering Information

PM55020R-XXMY-03-C

1 2 3 4 5 6

1:—Series No.

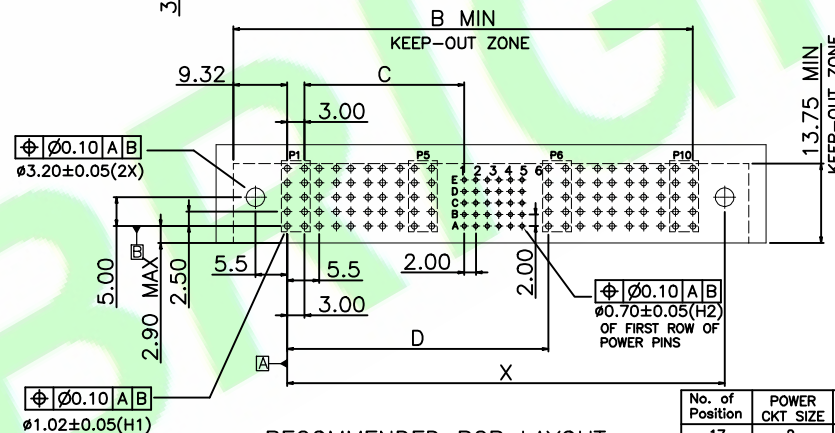
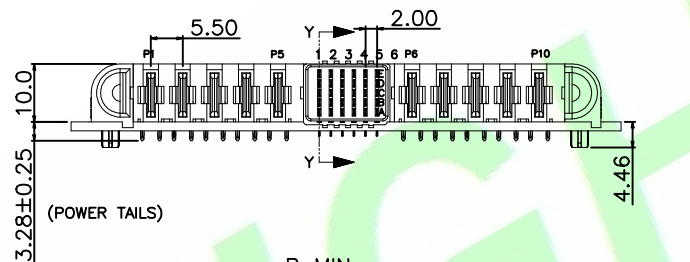
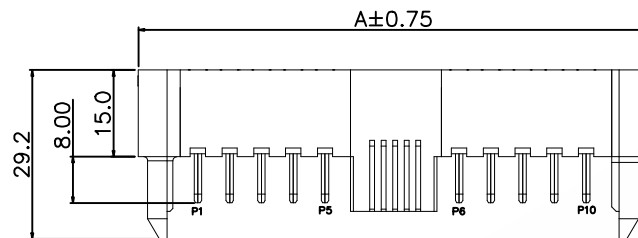
2:—R:R/A Type

3:—No. of Positions

4:—M:Male

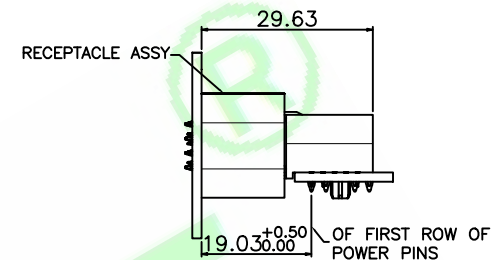
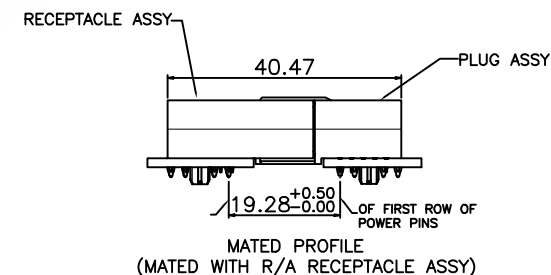
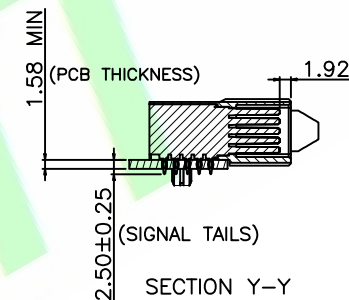
5:—Y:30u"Gold on Contact;
Selective Tin on tail

6:—C:In Tray



RECOMMENDED PCB LAYOUT

No. of Position	POWER CKT SIZE	SIGNAL CKT SIZE	DIM A	DIM B	DIM C	DIM D	DIM X	HOLES COUNT H1	HOLES COUNT H2
17	2	15	38.21	39.21	8.64	17.21	25.71	20	15
19	4	15	49.21	50.21	14.14	22.71	36.71	40	15
21	6	15	60.21	61.21	19.64	28.21	47.71	60	15
23	8	15	71.21	72.21	25.14	33.71	58.71	80	15
25	10	15	82.21	83.21	30.64	39.21	69.71	100	15
32	2	30	44.21	45.21	8.64	23.21	31.71	20	30
34	4	30	55.21	56.21	14.14	28.71	42.71	40	30
36	6	30	66.21	67.21	19.64	34.21	53.71	60	30
38	8	30	77.21	78.21	25.14	39.71	64.71	80	30
40	10	30	88.21	89.21	30.64	45.21	75.71	100	30

MATED PROFILE
(ATED WITH VERT RECEPTACLE ASSY)MATED PROFILE
(MATED WITH R/A RECEPTACLE ASSY)

DR.BY.:

Judyyan

CHKD.:

Hu.ch

APPD.:

Billy

GENERAL TOLERANCE:

LINEAR

ANGLES

X.: ±0.30 X': ±5.0°

X.X: ±0.25 X.X': ±3.0°

X.XX: ±0.13 X.XX': ±2.0°

X.XXX: ±0.10 X.XXX': ±1.0°

PART NO : PM55020R-XXMY-03-C

DWG. NO.:

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

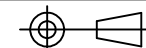
DATE: 07-Dec-2024

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

SHEET: 1/1

SCALE: 1:1

UNIT: mm

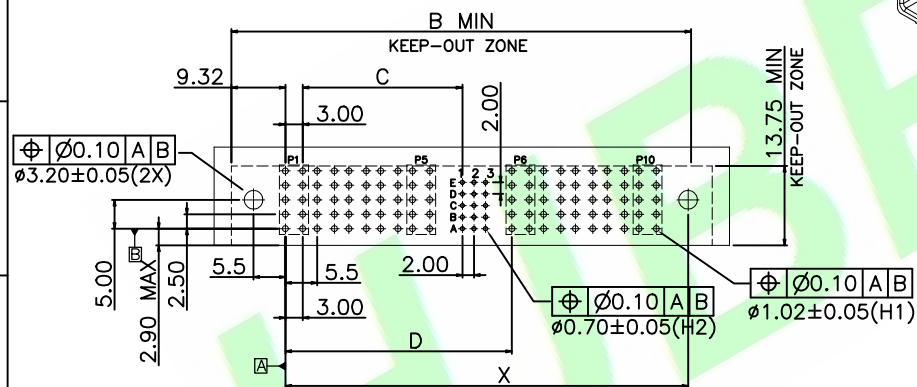
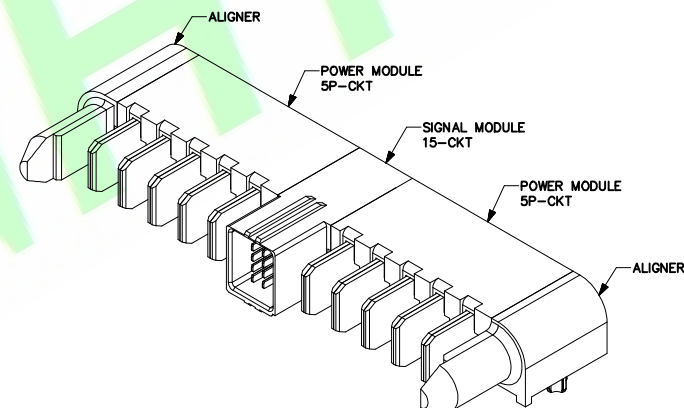
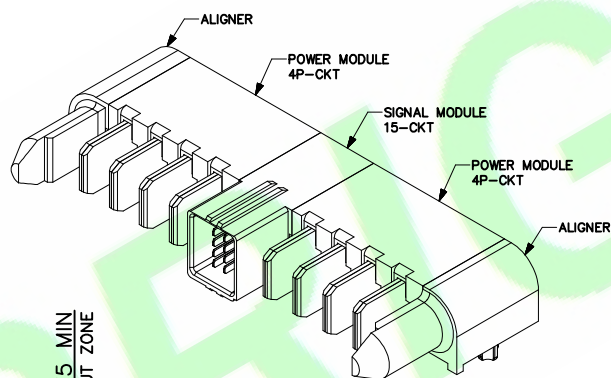
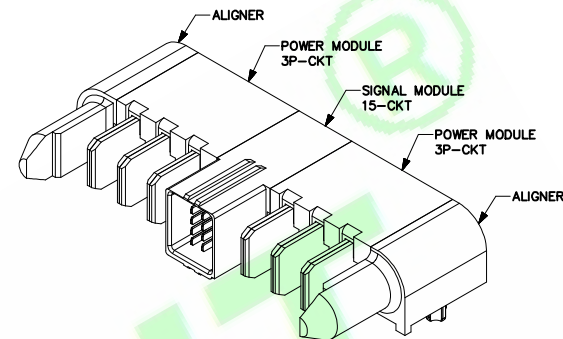
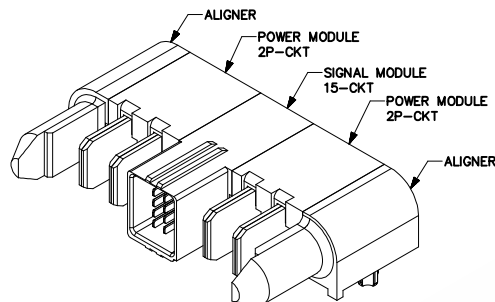
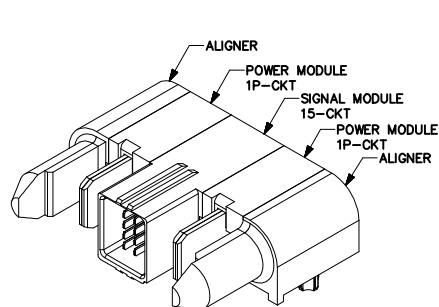


THIRD ANGLE PROJECTION

A4

1X	ORIGINAL	Judyyan
REV.	DESCRIPTION	DR.BY

1	2	3
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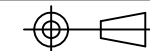
RECOMMENDED PCB LAYOUT

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

DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : PM55020R-XXMY-03-C
	LINEAR	ANGLES	
CHKD.: Hu.ch	X.: ±0.30	X': ±5.0°	DWG. NO.:
	X.X: ±0.25	X.X': ±3.0°	
APPD.: Billy	X.XX: ±0.13	X.XX': ±2.0°	TITLE : POWER PIN AND SIGNAL PIN R/A PLUG ASSY-TEN60 POWER FAMILY
	X.XXX: ±0.10	X.XXX': ±1.0°	
			DATE: 07-Dec-2024

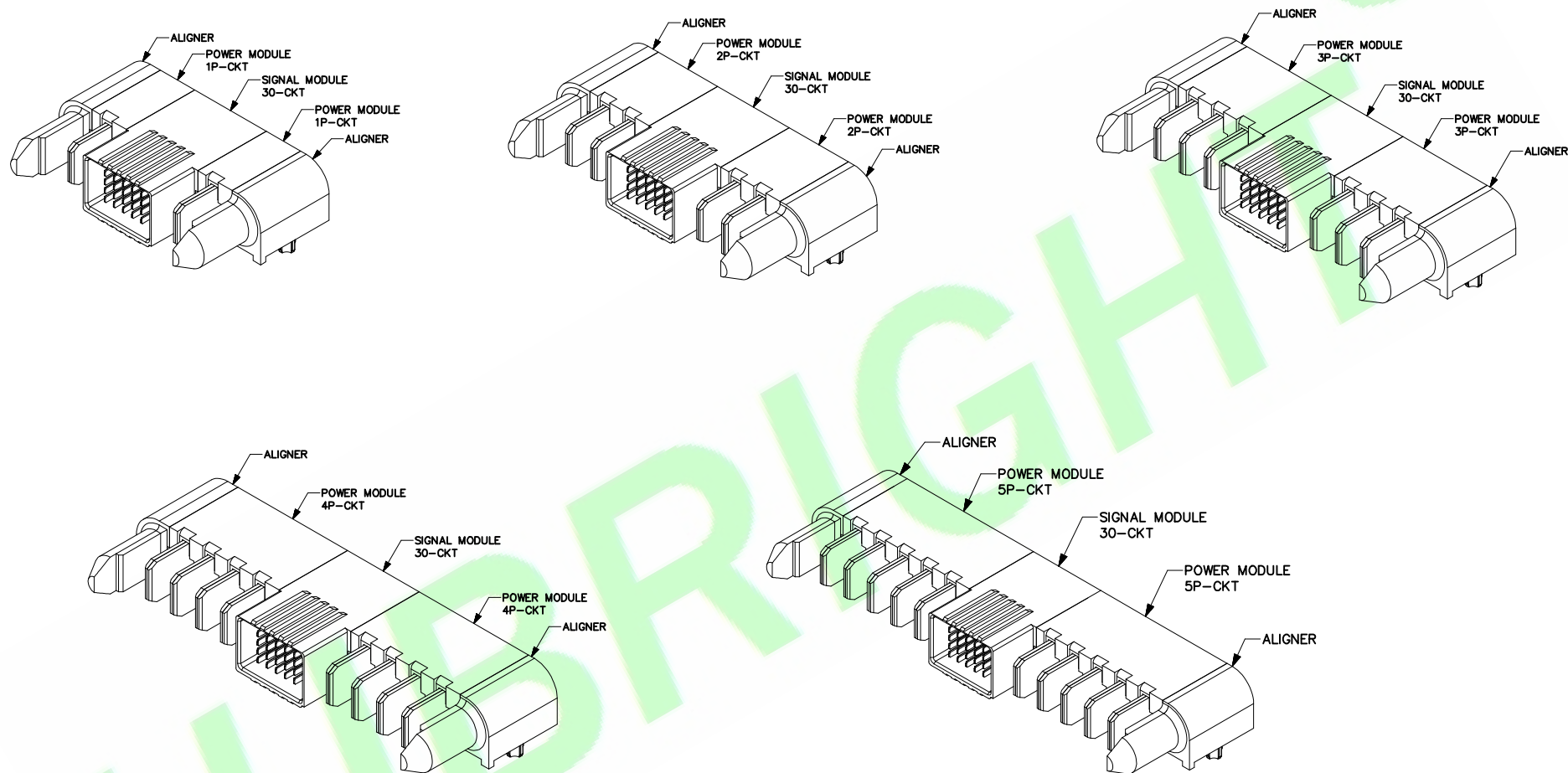
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BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 2/3
SCALE: 1:1
UNIT: mm



THIRD ANGLE PROJECTION

A4



				DR.BY.: Judyyan		GENERAL TOLERANCE:		PART NO : PM55020R-XXMY-03-C		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED							
				CHKD.: Hu.ch		LINEAR		ANGLES						DWG. NO.:			
				APPD.: Billy		x.: ±0.30		x': ±5.0°		TITLE : POWER PIN AND SIGNAL PIN R/A PLUG ASSY-TEN60 POWER FAMILY		SHEET: 3/3		 THIRD ANGLE PROJECTION		A4	
						x.x: ±0.25		x.x': ±3.0°				SCALE: 1:1					
1X ORIGINAL Judyyan						x.xx: ±0.13		x.xx': ±2.0°		DATE: 07-Dec-2024		UNIT: mm					
REV. DESCRIPTION DR.BY ECN. NO.						x.xxx: ±0.10		x.xxx': ±1.0°									