

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

PM55020S-XXFY-03-C

1 2 3 4 5 6

1:—Series No.

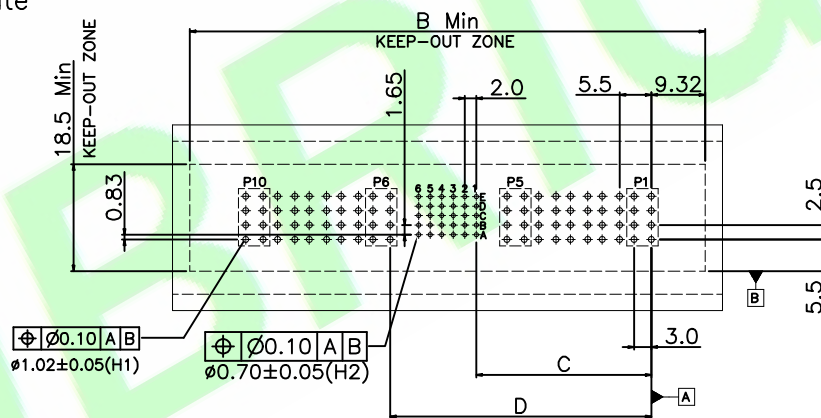
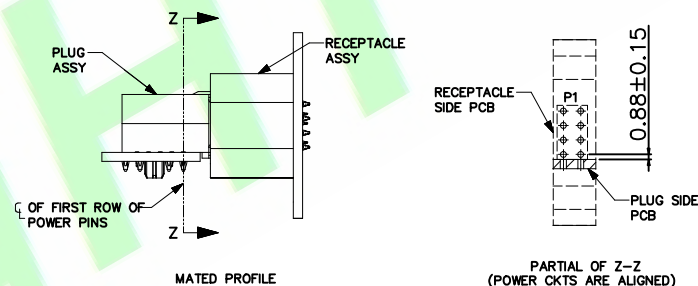
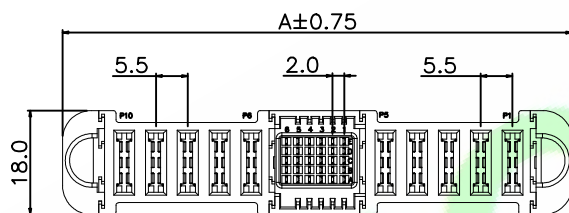
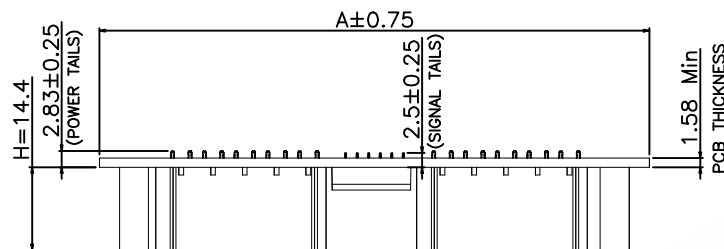
2:—S:Straight Type

3:—No. of Positions

4:—F:Female

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

6:—C:In Tray



RECOMMENDED PCB LAYOUT

POWER CKT SIZE	POWER CKT SIZE	SIGNAL CKT SIZE	DIM "A" (IN MM)	DIM "B" (IN MM)	DIM "C" (IN MM)	DIM "D" (IN MM)	HOLES COUNT "H1"	HOLES COUNT "H2"
17	2	15	38.21	39.21	8.28	17.21	16	15
19	4	15	49.21	50.21	13.78	22.71	32	15
21	6	15	60.21	61.21	19.28	28.21	48	15
23	8	15	71.21	72.21	24.78	33.71	64	15
25	10	15	82.21	83.21	30.28	39.21	80	15
32	2	30	44.21	45.21	8.28	23.21	16	30
34	4	30	55.21	56.21	13.78	28.71	32	30
36	6	30	66.21	67.21	19.28	34.21	48	30
38	8	30	77.21	78.21	24.78	39.71	64	30
40	10	30	88.21	89.21	30.28	45.21	80	30

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 : PM55020S-XXFY-03-BC

DWG. NO.:

TITLE : Power Pin and Singnal Pin Straight
Plug assy-Ten60 Power Family

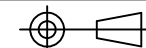
DATE: 07-Dec-2024

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

SHEET: 1/3

SCALE: 1:1

UNIT: mm

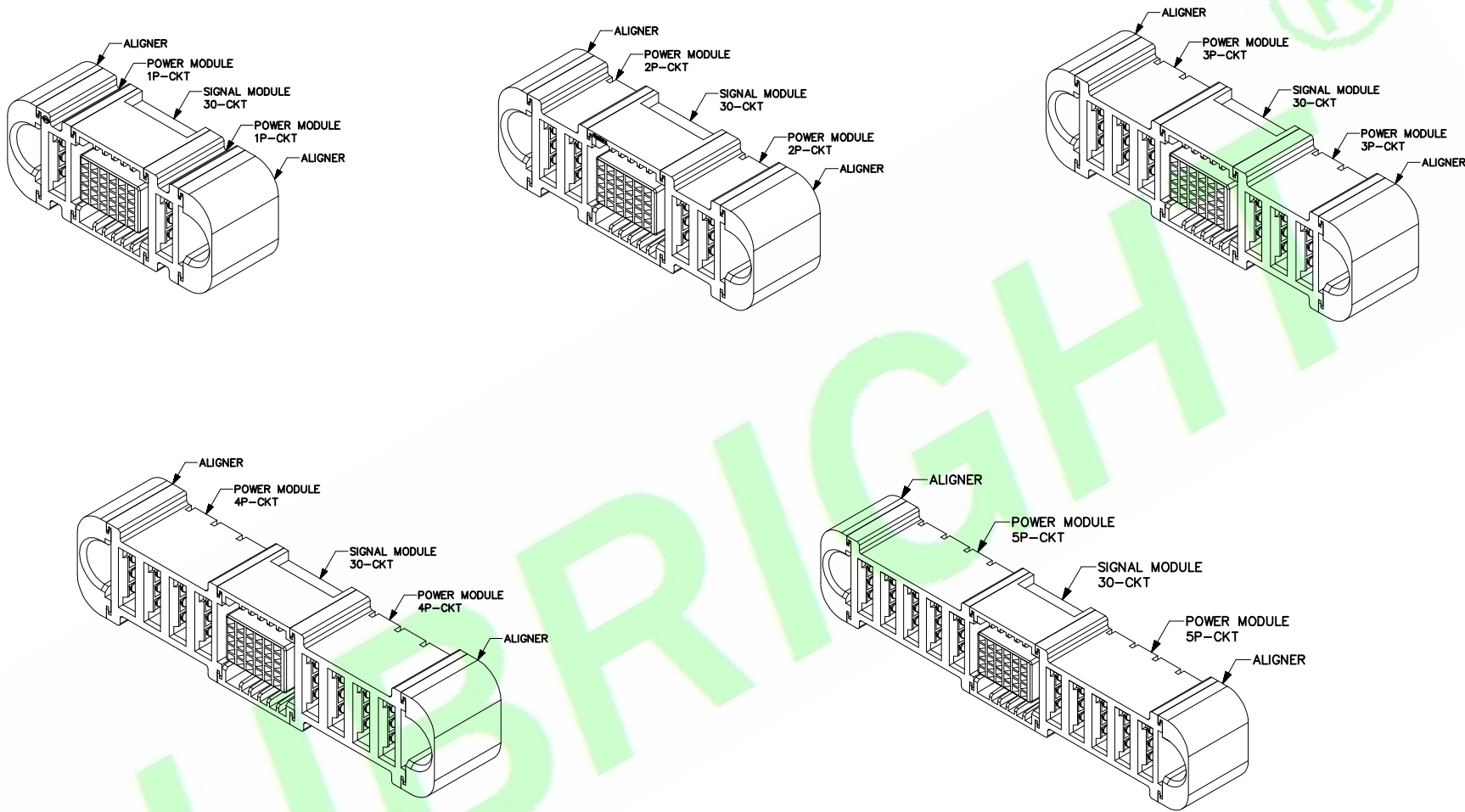


THIRD ANGLE PROJECTION

A4

1X	ORIGINAL	Judyyan
REV.	DESCRIPTION	DR.BY

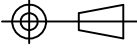
ECN. NO.

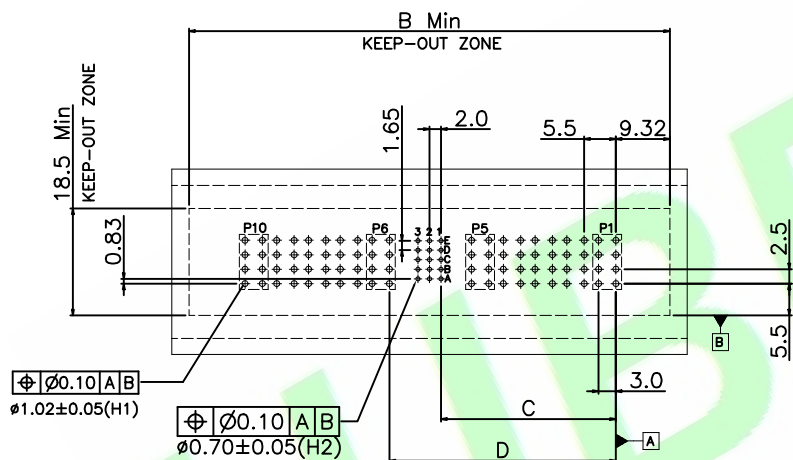
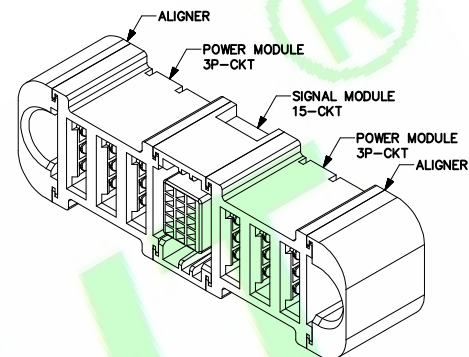
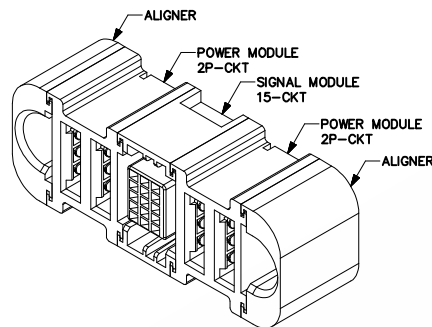
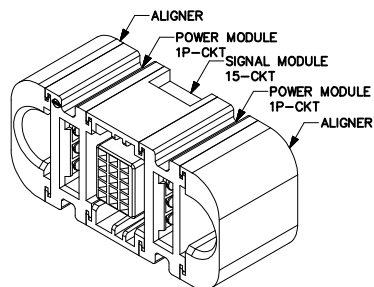


1X	ORIGINAL	Judyyan	
REV.	DESCRIPTION	DR.BY	ECN. NO.

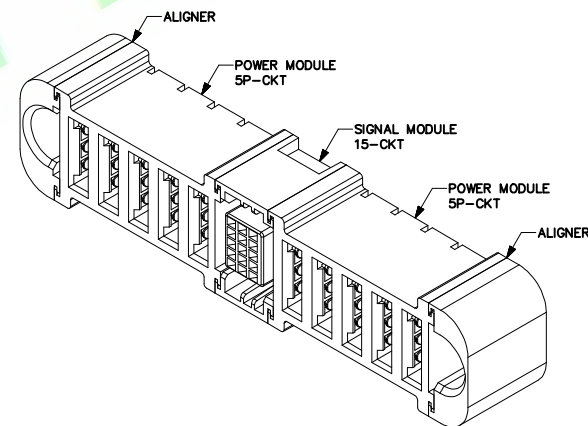
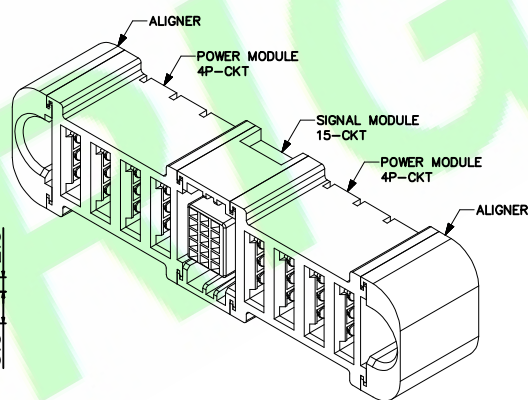
DR.BY.: Judyyan CHKD.: Hu.ch APPD.: Billy	GENERAL TOLERANCE:	
	LINEAR	ANGLES
	X.: ± 0.30	X': $\pm 5.0^\circ$
	X.X: ± 0.25	X.X': $\pm 3.0^\circ$
	X.XX: ± 0.13	X.XX': $\pm 2.0^\circ$
	X.XXX: ± 0.10	X.XXX': $\pm 1.0^\circ$

PART NO : PM55020S-XXFY-03-BC
DWG. NO.:
TITLE : Power Pin and Singnal Pin Straight Plug assy-Ten60 Power Family
DATE: 07-Dec-2024

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SHEET: 3/3	 THIRD ANGLE PROJECTION	A4
SCALE: 1:1		
UNIT: mm		



RECOMMENDED PCB LAYOUT

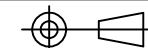


1X	ORIGINAL	Judyyan	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : PM55020S-XXFY-03-BC
	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 Singnal Pin Straight 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