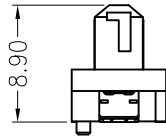
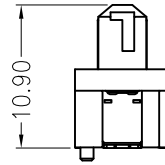


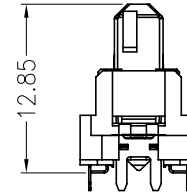
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66A2-MXXXXX 069 R02 (SMT)
固定公头系列



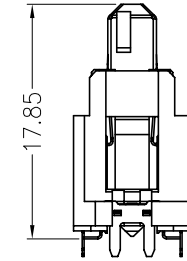
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66A2-MXXXXX 089 R02 (SMT)
固定公头系列



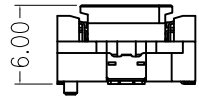
66A2-MXXXXX 109 R01 (DIP)
66A2-MXXXXX 109 R02 (SMT)
固定公头系列



66A2L-MXXXXX 128 R51 (DIP)
浮动公头系列

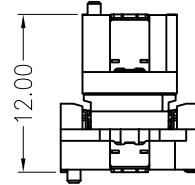
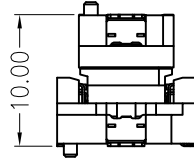
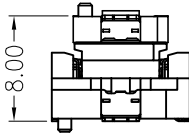


66A2L-MXXXXX 178 R51 (DIP)
浮动公头系列

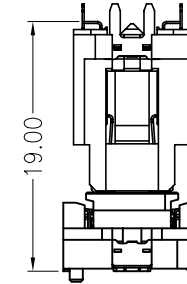
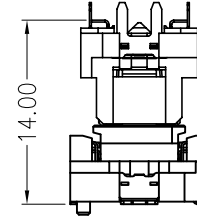


66A2-FXXXXX 060 R01 (DIP)
66A2-FXXXXX 060 R02 (SMT)
浮动母座系列

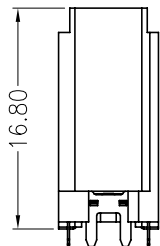
浮动系列
浮动范围:
X Y Z方向 $\pm 0.5\text{mm}$



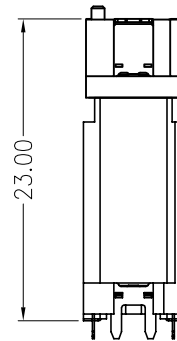
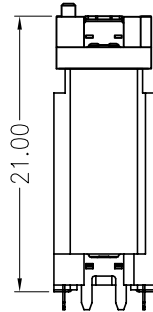
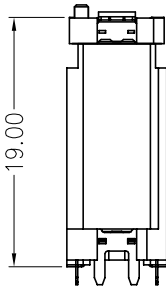
公母都可浮动系列
浮动范围:
X Y Z方向 $\pm 1.0\text{mm}$



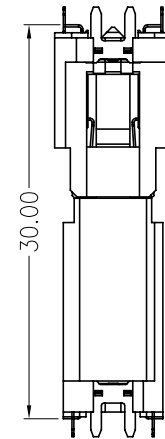
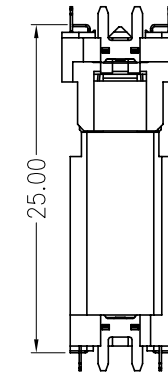
固定系列
无浮动

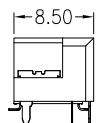


66A2L-FXXXXX 168 R51 (DIP)
固定母座系列

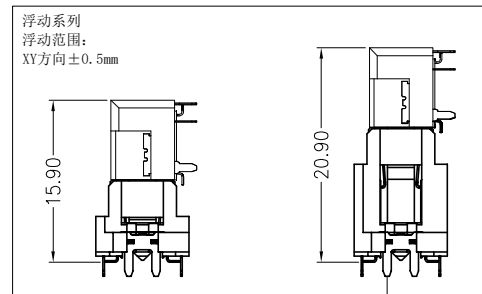
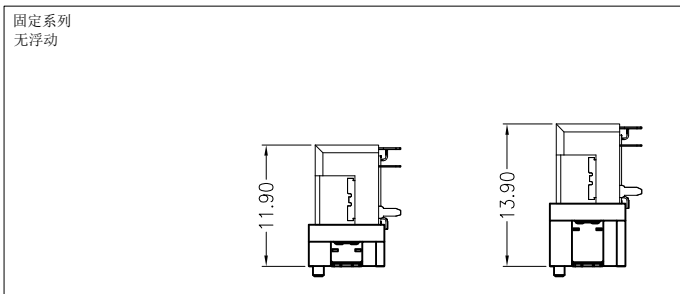


浮动系列
浮动范围:
X Y Z方向 $\pm 0.5\text{mm}$





66A2R-FXXXXX 073 R01 (DIP)
卧式90° 固定母座系列



客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: COPPER ALLOY,INTEGRAL NICKEL BASE 50u"MIN FLASH GOLD, CONTACT AND SOLDER FOOT AREA 3u"MIN
- 1.3 GROUND: BRASS,INTEGRAL NICKEL BASE 50u"MIN; FLASH GOLD, CONTACT AND SOLDER FOOT AREA 3u"MIN

2. ELECTRICAL:

- 2.1 RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
- 2.1 CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.
- 2.2 DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE.
POWER PIN 600V AC/MINUTE.
- 2.3 CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.
- 2.4 INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MΩ
POWER PIN 250V DC/0.1S/1000MΩ

3.SALT SPRAY TEST:

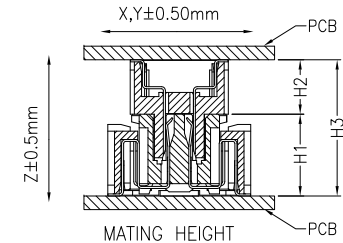
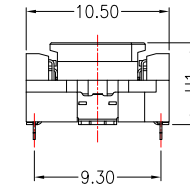
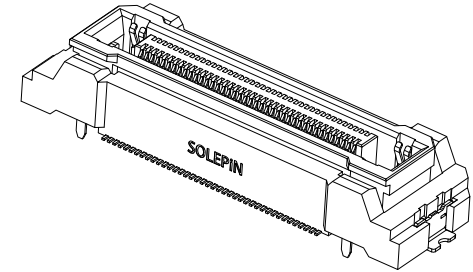
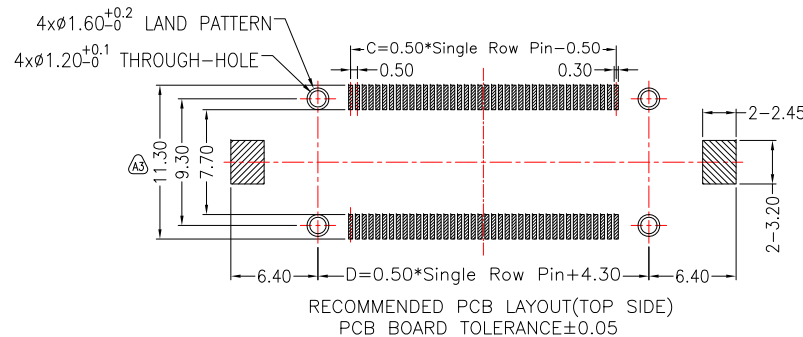
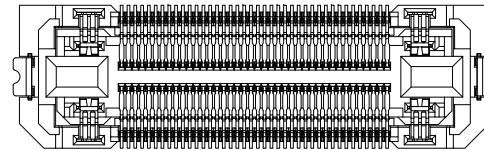
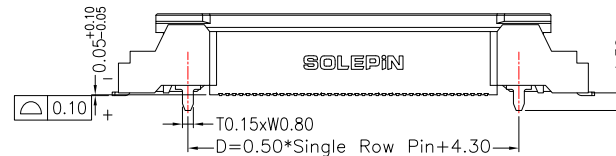
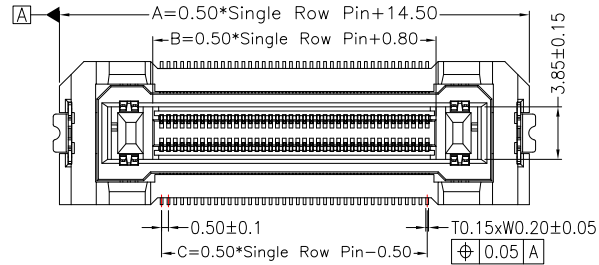
- 3.1 CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C,
TEST TIME 8H MIN,NO OXIDATION OR RUST
- 4.MAX PROCESSING TEMP:265°C SECONDS 40S
- 5.OPERATION TEMPERATURE:-40°C TO +125°C.
- 6.WARRANTY PERIOD: 6 MONTHS
- 7.ORDER INFORMATION:

66A2-F XXX XX 060 R 01

Pin数码	端子电镀:	塑胶高度:	包装方式:
SEE TABLE	G0=Gold Flash(全金)	060=6.00mm("H1")	R=TAPE REEL
030=2x15PIN	G1=1u" Gold		
050=2x25PIN	G2=3u" Gold		
.....	G3=5u" Gold		
	G4=10u" Gold		
	G5=15u" Gold		
	G6=30u" Gold		

TABLE:

No. OF PIN	A	B	C	D
20=2x10PIN	19.50	5.80	4.50	9.30
30=2x15PIN	22.00	8.30	7.00	11.80
40=2x20PIN	24.50	10.80	9.50	14.30
50=2x25PIN	27.00	13.30	12.00	16.80
60=2x30PIN	29.50	15.80	14.50	19.30
80=2x40PIN	34.50	20.80	19.50	24.30
100=2x50PIN	39.50	25.80	24.50	29.30
120=2x60PIN	44.50	30.80	29.50	34.30



MATING HEIGHT	H1	H2	H3
8.0mm	6.00	2.00	8.00
10.0mm	6.00	4.00	10.00
12.0mm	6.00	6.00	12.00
14.0mm	6.00	8.00	14.00
19.0mm	6.00	13.00	19.00

A3	2022. 04. 18	更新PCB LAYOUT	WLY		OPERATION		DRAW		WLY		2022.04.18		SOLEPiN 东莞市硕品电子有限公司 Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
A2	2021. 10. 09	接触电阻由80mΩ MAX. 修改为120mΩ MAX.	WLY		X.X	±0.40	DESIGN		Jensen		2022.04.18					
A1	2021. 05. 28	焊盘长度加大0. 2	WLY		X.XX	±0.25	CHECK		Jack		2022.04.18		SIZE	A4	PART NO.	66A2-FXXXXX060R01
A0		NEW			X.XXX	±0.15	APPROVE		Andy		2022.04.18		SHEET	1/1	TITLE:	0. 50mm 浮动BTB 母座 直立式DIP TYPE
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle	±3°	DIM.	TOL	UNIT	mm	SCALE	1:1	PROJ.		DRAW NO.	SP-133

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: COPPER ALLOY, INTEGRAL NICKEL BASE 50u"MIN,
CONTACT AND SOLDER FOOT AREA 3u"MIN
- 1.3 GROUND: BRASS, INTEGRAL NICKEL BASE 50u"MIN,
80u" MIN MATTE TIN PLATED OVER

2. ELECTRICAL:

- 2.1 RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
- 2.2 CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE.
POWER PIN 600V AC/MINUTE.
- 2.4 CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.
- 2.5 INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MQ
POWER PIN 250V DC/0.1S/1000MQ

3.SALT SPRAY TEST:

- 3.1 CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C,
TEST TIME 24H MIN,NO OXIDATION OR RUST

4.Max Processing Temp:265°C Seconds 40S

5.OPERATION TEMPERATURE:-40°C TO +125°C.

6.WARRANTY PERIOD: 6 MONTHS

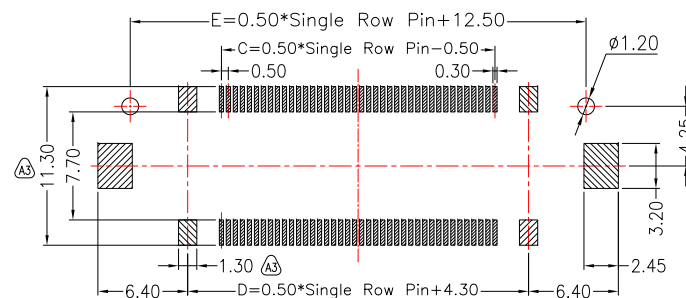
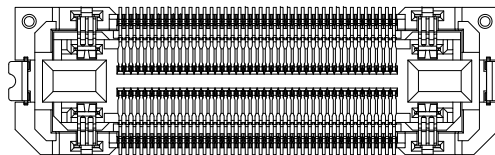
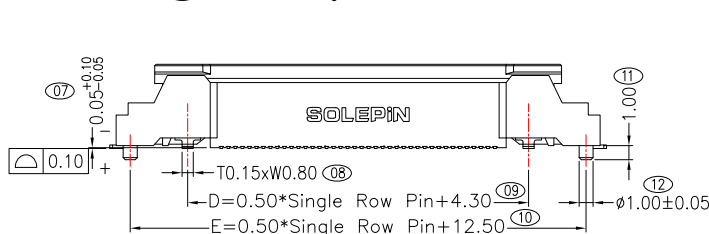
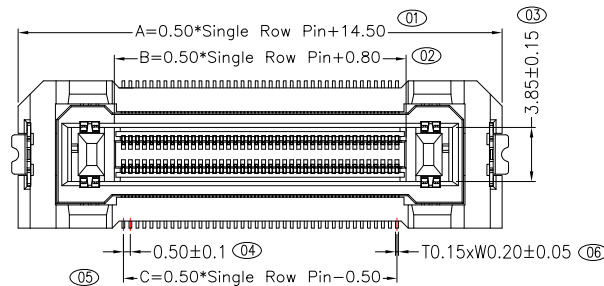
7.ORDER INFORMATION:

66A2-F XXX XX 060 R 02

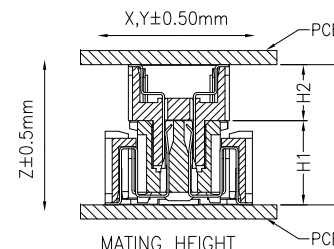
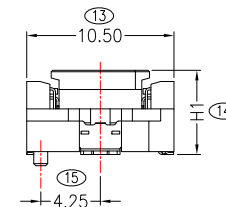
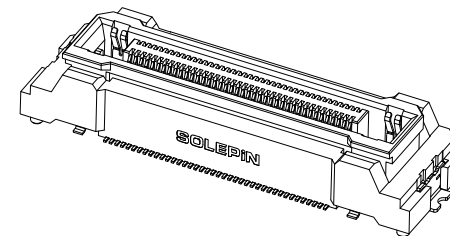
Pin数码	端子电镀:	塑胶高度:	包装方式:
SEE TABLE	G0=Gold Flash(全金)	060=6.00mm("H1")	R=TAPE REEL
020=2x10PIN	G1=1u" Gold		
~	G2=3u" Gold		
120=2x60PIN	G3=5u" Gold		
	G4=10u" Gold		
	G5=15u" Gold		
	G6=30u" Gold		

TABLE:

No. OF PIN	A	B	C	D	E
020=2x10PIN	19.50	5.80	4.50	9.30	17.50
030=2x15PIN	22.00	8.30	7.00	11.80	20.00
040=2x20PIN	24.50	10.80	9.50	14.30	22.50
050=2x25PIN	27.00	13.30	12.00	16.80	25.00
060=2x30PIN	29.50	15.80	14.50	19.30	27.50
080=2x40PIN	34.50	20.80	19.50	24.30	32.50
100=2x50PIN	39.50	25.80	24.50	29.30	37.50
120=2x60PIN	44.50	30.80	29.50	34.30	42.50



RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLERANCE±0.05



MATING HEIGHT	H1	H2	H3
8.0mm	6.00	2.00	8.00
10.0mm		4.00	10.00
12.0mm		6.00	12.00
14.0mm		8.00	14.00
19.0mm		13.00	19.00

A3	2022.04.18	更新PCB LAYOUT	WLY		OPERATION	DRAW	WLY	2022.04.18	SOLEPIN 东莞市硕品电子有限公司 Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
A2	2021.10.09	接触电阻由80mΩ MAX. 修改为120mΩ MAX.	WLY		X.X ±0.40	DESIGN	Jensen	2022.04.18				
A1	2021.05.28	焊盘长度加大0.2	WLY		X.XX ±0.25	CHECK	Jack	2022.04.18	SIZE	A4	PART NO.	66A2-FXXXXX060R02
A0		NEW			X.XXX ±0.15	APPROVE	Andy	2022.04.18	SHEET	1/1	TITLE:	0.50mm 浮动BTB 母座 直立式SMT TYPE
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle ±3°	UNIT	mm	SCALE	1:1	PROJ.	DRAW NO.	SP-135
					DIM. TOL							

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: COPPER ALLOY, INTEGRAL NICKEL BASE 50u"MIN,
CONTACT AND SOLDER FOOT AREA 3u"MIN
- 1.3 GROUND: BRASS, INTEGRAL NICKEL BASE 50u"MIN,
80u" MIN MATTE TIN PLATED OVER

2. ELECTRICAL:

- 2.1 RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
- 2.2 CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE.
POWER PIN 600V AC/MINUTE.
- 2.4 CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.
- 2.5 INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MΩ
POWER PIN 250V DC/0.1S/1000MΩ

3.SALT SPRAY TEST:

- 3.1 CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C,
TEST TIME 24H MIN,NO OXIDATION OR RUST

4.MAX PROCESSING TEMP:265°C SECONDS 40S

5.OPERATION TEMPERATURE:-40°C TO +125°C.

6.WARRANTY PERIOD: 6 MONTHS

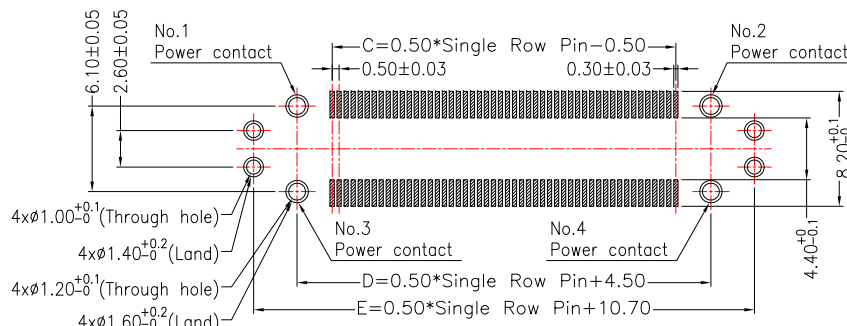
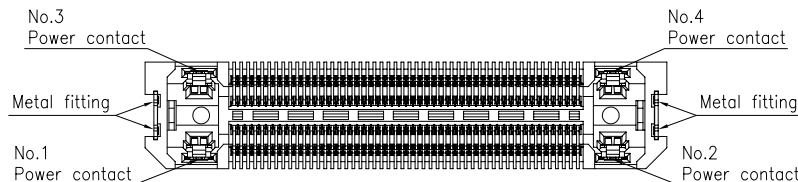
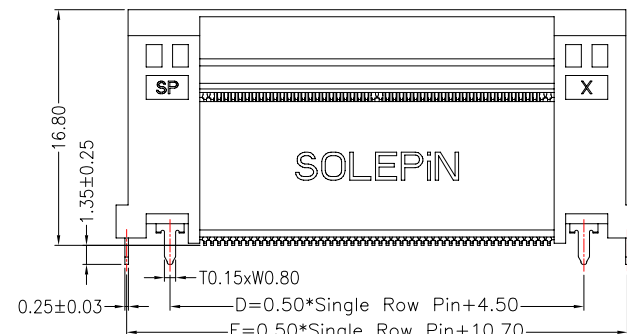
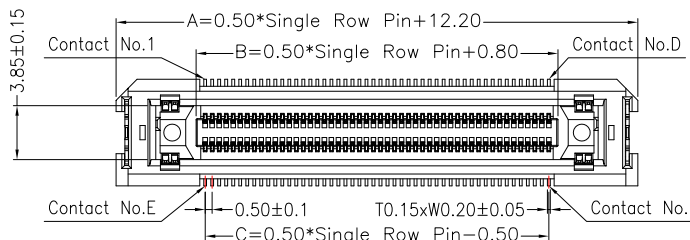
7.ORDER INFORMATION:

66A2L-F XXX XX 168 R 51

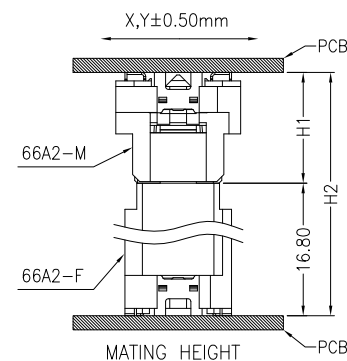
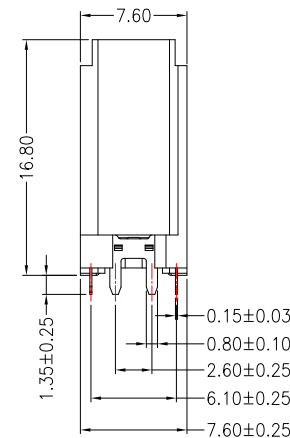
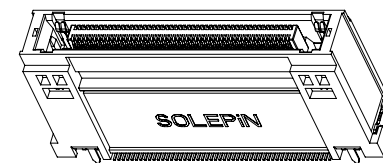
Pin数码	端子电镀:	塑胶高度:	包装方式:
SEE TABLE	G0=Gold Flash(全金)	168=16.80mm	R=TAPE REEL
020=2x10PIN	G1=1u" Gold		
~	G2=3u" Gold		
120=2x60PIN	G3=5u" Gold		
	G4=10u" Gold		
	G5=15u" Gold		
	G6=30u" Gold		

TABLE:

No. OF PIN	A	B	C	D	E
020=2x10PIN	17.20	5.80	4.50	9.50	15.70
030=2x15PIN	19.70	8.30	7.00	12.00	18.20
040=2x20PIN	22.20	10.80	9.50	14.50	20.70
050=2x25PIN	24.70	13.30	12.00	17.00	23.20
060=2x30PIN	27.20	15.80	14.50	19.50	25.70
080=2x40PIN	32.20	20.80	19.50	24.50	30.70
100=2x50PIN	37.20	25.80	24.50	29.50	35.70
120=2x60PIN	42.20	30.80	29.50	34.50	40.70



RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLERANCE±0.05



MATING HEIGHT	H1	H2
25.00mm	12.85	25.00
30.00mm	17.85	30.00

OPERATION

X.X ±0.40

X.XX ±0.25

X.XXX ±0.15

Angle ±3°

DIM. TOL

DRAW

DESIGN

CHECK

APPROVE

UNIT

mm

WLY

Jensen

Jack

Andy

2022.04.12

2022.04.12

2022.04.12

2022.04.12

SOLEPIN 东莞市硕品电子有限公司
Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.

SIZE A4 PART NO. 66A2L-FXXXXX168R51

SHEET 1/1 TITLE: 0.50mm 浮动BTB 母座(固定款) 直立式DIP TYPE

PROJ. DRAW NO. SP-674

AO

REV

客户图

NOTES:

- FINISH:
 - HOUSING: LCP BLACK,UL94V-0.
 - CONTACT: COPPER ALLOY, INTEGRAL NICKEL BASE 50u"MIN, CONTACT AND SOLDER FOOT AREA 3u"MIN
 - GROUND: BRASS, INTEGRAL NICKEL BASE 50u"MIN, 80u" MIN MATTE TIN PLATED OVER
- ELECTRICAL:
 - RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
 - CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.
 - DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE.
POWER PIN 600V AC/MINUTE.
 - CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.
 - INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MΩ
POWER PIN 250V DC/0.1S/1000MΩ
- SALT SPRAY TEST:
 - CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C, TEST TIME 24H MIN, NO OXIDATION OR RUST
- MAX PROCESSING TEMP: 265°C SECONDS 40S
- OPERATION TEMPERATURE: -40°C TO +125°C.
- WARRANTY PERIOD: 6 MONTHS
- ORDER INFORMATION:

66A2L-M XXX XX XXX R 51

Pin 数码: SEE TABLE
020=2*10PIN
~
120=2*60PIN

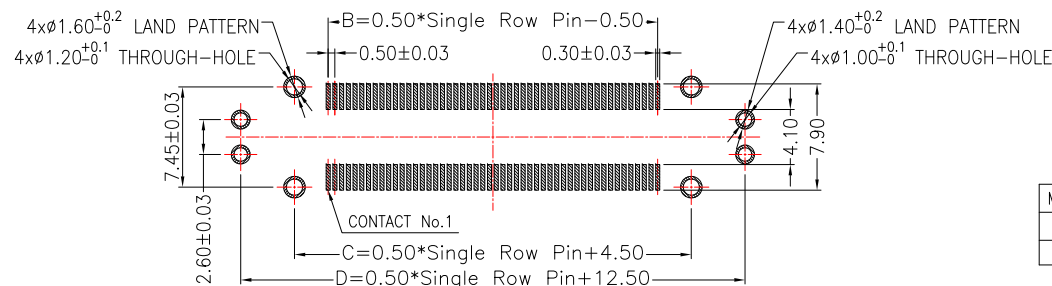
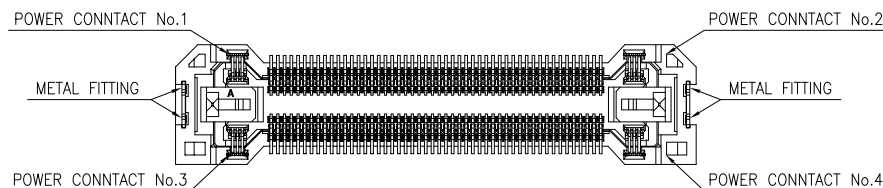
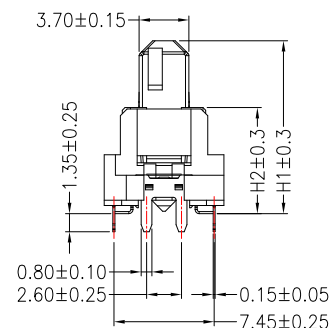
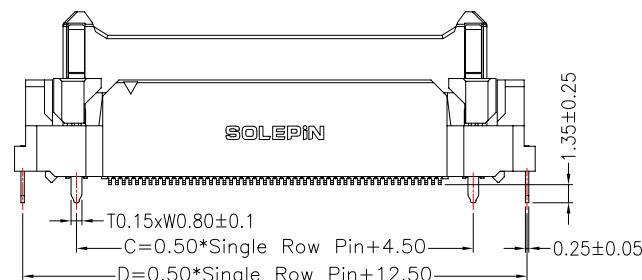
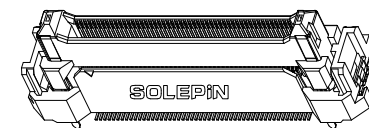
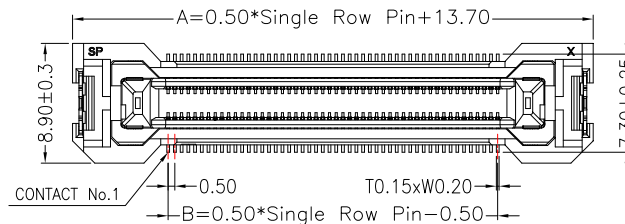
端子电镀:
G0=Gold Flash
G1=1u" Gold
G2=3u" Gold
G3=5u" Gold
G4=10u" Gold
G5=15u" Gold
G6=30u" Gold

塑胶高度:
128=12.85mm ("H1")
178=17.85mm ("H1")

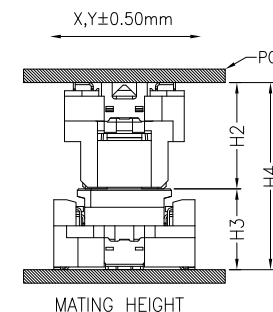
包装方式:
R=TAPE REEL

TABLE:

No. OF PIN	A	B	C	D
020=2*10PIN	18.70	4.50	9.50	17.50
030=2*15PIN	21.20	7.00	12.00	20.00
040=2*20PIN	23.70	9.50	14.50	22.50
050=2*25PIN	26.20	12.00	17.00	25.00
060=2*30PIN	28.70	14.50	19.50	27.50
080=2*40PIN	33.70	19.50	24.50	32.50
100=2*50PIN	38.70	24.50	29.50	37.50
120=2*60PIN	43.70	29.50	34.50	42.50



RECOMMENDED LAND PATTERN DIMENSION OF PCB
PCB THICKNESS:T=1.60mm



MATING HEIGHT	H1	H2	H3	H4
14.00mm	12.85	8.00	6.00	14.00
19.00mm	17.85	13.00		19.00

					OPERATION		DRAW		WLY		2022.03.10		SOLEPiN 东莞市硕品电子有限公司 Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
					X.X	±0.40	DESIGN		Jensen		2022.03.10					
					X.XX	±0.25	CHECK		Jack		2022.03.10		SIZE	A4	PART NO.	66A2L-MXXXXXXXXR51
A0		NEW	——	——	X.XXX	±0.15	APPROVE		Andy		2022.03.10		SHEET	1/1	TITLE:	0.50mm 浮动BTB 公头(浮动款) 直立式DIP TYPE
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle	±3°							PROJ.		DRAW NO.	SP-134
					DIM.	TOL	UNIT		mm	SCALE	1:1					

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: COPPER ALLOY, INTEGRAL NICKEL BASE 50u"MIN,
CONTACT AND SOLDER FOOT AREA 3u"MIN
- 1.3 GROUND: BRASS, INTEGRAL NICKEL BASE 50u"MIN,
80u" MIN MATTE TIN PLATED OVER

2. ELECTRICAL:

- 2.1 RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
- 2.2 CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE.
POWER PIN 600V AC/MINUTE.
- 2.4 CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.
- 2.5 INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MΩ
POWER PIN 250V DC/0.1S/1000MΩ

3.SALT SPRAY TEST:

- 3.1 CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C,
TEST TIME 24H MIN,NO OXIDATION OR RUST

4.Max Processing Temp:265°C Seconds 40S

5.OPERATION TEMPERATURE:-40°C TO +125°C.

6.WARRANTY PERIOD: 6 MONTHS

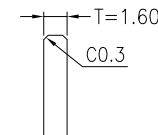
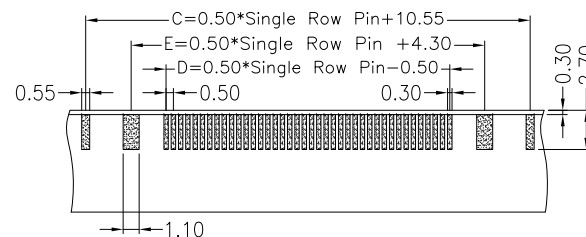
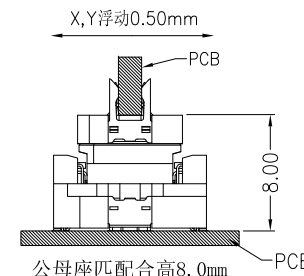
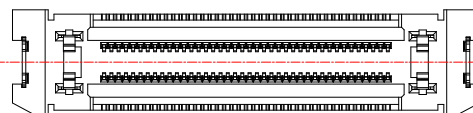
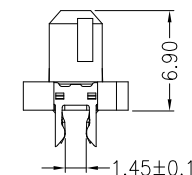
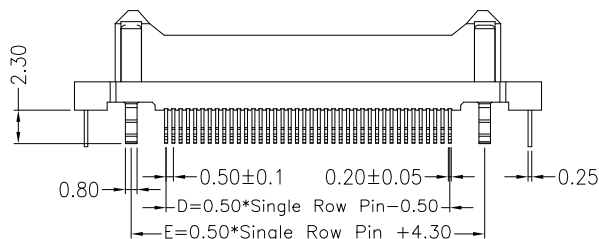
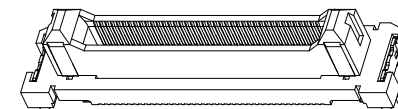
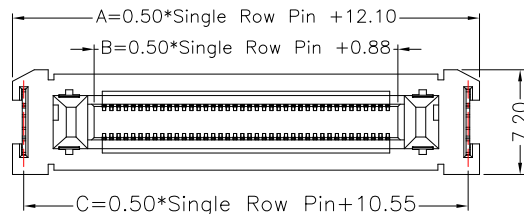
7.ORDER INFORMATION:

66A2-M XXX XX 069 R 03

Pin 数码	端子电镀:	塑胶高度:	包装方式:
020=2*10PIN	G0=Gold Flash(全金)	069=6.90mm	R=TAPE REEL
~	G1=1u" Gold		
120=2*60PIN	G2=3u" Gold		
	G3=5u" Gold		
	G4=10u" Gold		
	G5=15u" Gold		
	G6=30u" Gold		

TABLE:

No. OF PIN	A	B	C	D	E
020=2x10PIN	17.10	5.88	15.55	4.50	9.30
030=2x15PIN	19.60	8.38	18.05	7.00	11.80
040=2x20PIN	22.10	10.88	20.55	9.50	14.30
050=2x25PIN	24.60	13.38	23.05	12.00	16.80
060=2x30PIN	27.10	15.88	25.55	14.50	19.30
080=2x40PIN	32.10	20.88	30.55	19.50	24.30
100=2x50PIN	37.10	25.88	35.55	24.50	29.30
120=2x60PIN	42.10	30.88	40.55	29.50	34.30



ROMMENDED PLUG-PCB LAYOUT
TOLERANCE ±0.05

					OPERATION		DRAW		WLY		2022.02.17		SOLEPIN 东莞市硕品电子有限公司 Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
					X.X	±0.40	DESIGN		Jensen		2022.02.17					
					X.XX	±0.25	CHECK		Jack		2022.02.17		SIZE	A4	PART NO.	66A2-MXXXXX069R03
A0		NEW			X.XXX	±0.15	APPROVE		Andy		2022.02.17		SHEET	1/1	TITLE:	0.50mm 浮动BTB 公头 直立夹板式 台高8.0mm TYPE
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DIM.	TOL	UNIT		mm	SCALE	1:1	PROJ.		DRAW NO.	SP-631	
					Angle	±3°										

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: COPPER ALLOY, INTEGRAL NICKEL BASE 50u"MIN,
CONTACT AND SOLDER FOOT AREA 3u"MIN
- 1.3 GROUND: BRASS, INTEGRAL NICKEL BASE 50u"MIN,
80u" MIN MATTE TIN PLATED OVER

2. ELECTRICAL:

- 2.1 RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
- 2.2 CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE. POWER PIN 600V AC/MINUTE.

- 2.4 CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.

- 2.5 INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MΩ
POWER PIN 250V DC/0.1S/1000MΩ

3.SALT SPRAY TEST:

- 3.1 CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C,
TEST TIME 24H MIN,NO OXIDATION OR RUST

4.Max Processing Temp:265°C Seconds 40S

5.OPERATION TEMPERATURE:-40°C TO +125°C.

6.WARRANTY PERIOD: 6 MONTHS

7.ORDER INFORMATION:

66A2-M XXX XX XXX R 01

Pin数码

SEE TABLE

020=2x10PIN

~

120=2x60PIN

端子电镀:

G0=Gold Flash(全金)

G1=1u" Gold

G2=3u" Gold

G3=5u" Gold

G4=10u" Gold

G5=15u" Gold

G6=30u" Gold

塑胶高度:

069=6.90mm("H1")

089=8.90mm("H1")

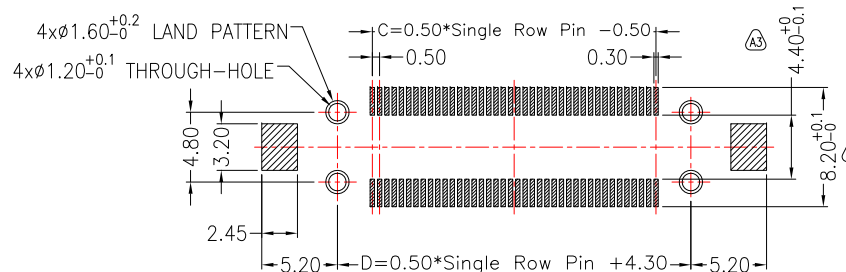
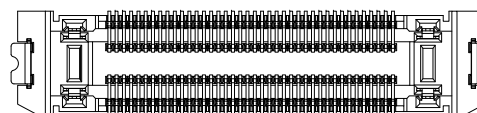
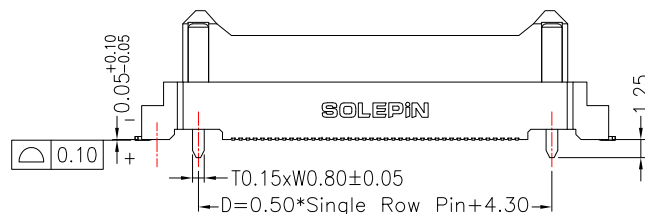
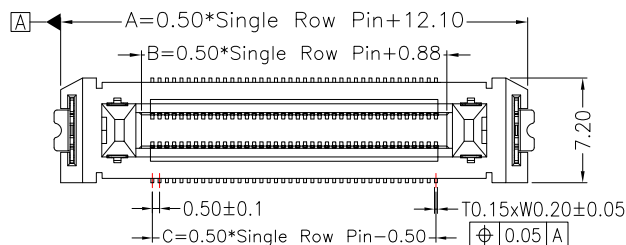
109=10.90mm("H1")

包装方式:

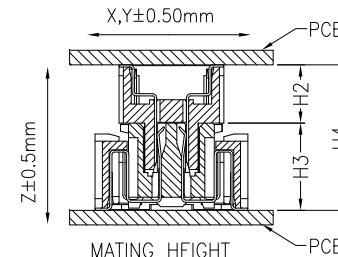
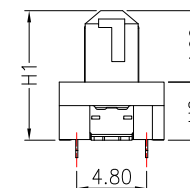
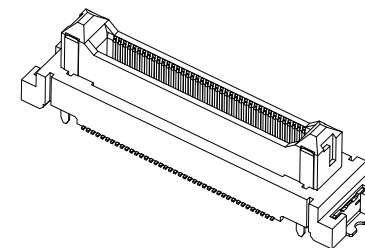
R=TAPE REEL

TABLE:

No. OF PIN	A	B	C	D
020=2x10PIN	17.10	5.88	4.50	9.30
030=2x15PIN	19.60	8.38	7.00	11.80
040=2x20PIN	22.10	10.88	9.50	14.30
050=2x25PIN	24.60	13.38	12.00	16.80
060=2x30PIN	27.10	15.88	14.50	19.30
080=2x40PIN	32.10	20.88	19.50	24.30
100=2x50PIN	37.10	25.88	24.50	29.30
120=2x60PIN	42.10	30.88	29.50	34.30



RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLERANCE±0.05



MATING HEIGHT	H1	H2	H3	H4
8.0mm	6.90	2.00		8.00
10.0mm	8.90	4.00	6.00	10.00
12.0mm	10.90	6.00		12.00

A3	2022.04.15	更新PCB LAYOUT	WLY		OPERATION		DRAW		WLY		2022.04.15		SOLEPiN 东莞市硕品电子有限公司 Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
A2	2021.10.09	接触电阻由80mΩ MAX. 修改为120mΩ MAX.	WLY		X.X	±0.40	DESIGN		Jensen		2022.04.15					
A1	2021.05.28	焊盘长度加大0.2	WLY		X.XX	±0.25	CHECK		Jack		2022.04.15		SIZE	A4	PART NO.	66A2—MXXXXXXXXR01
AO		NEW			X.XXX	±0.15							APPROVE		Andy	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle	±3°	DIM.	TOL	UNIT	mm	SCALE	1:1				

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: COPPER ALLOY, INTEGRAL NICKEL BASE 50u"MIN,
CONTACT AND SOLDER FOOT AREA 3u"MIN
- 1.3 GROUND: BRASS, INTEGRAL NICKEL BASE 50u"MIN,
80u" MIN MATTE TIN PLATED OVER

2. ELECTRICAL:

- 2.1 RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
- 2.2 CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE.
POWER PIN 600V AC/MINUTE.
- 2.4 CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.
- 2.5 INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MΩ
POWER PIN 250V DC/0.1S/1000MΩ

3.SALT SPRAY TEST:

- 3.1 CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C,
TEST TIME 24H MIN,NO OXIDATION OR RUST

4.Max Processing Temp:265°C Seconds 40S

5.OPERATION TEMPERATURE:-40°C TO +125°C.

6.WARRANTY PERIOD: 6 MONTHS

7.ORDER INFORMATION:

66A2-M XXX XX XXX R 02

Pin 数码

端子电镀:

SEE TABLE

020=2x10PIN

~

120=2x60PIN

塑胶高度:

G0=Gold Flash(全金)

G1=1u" Gold

G2=3u" Gold

G3=5u" Gold

G4=10u" Gold

G5=15u" Gold

G6=30u" Gold

包装方式:

069=6.90mm("H1")

089=8.90mm("H1")

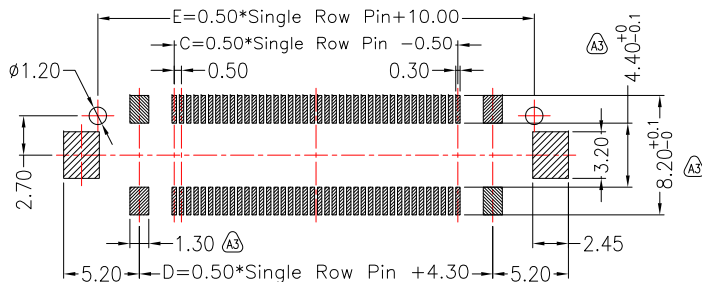
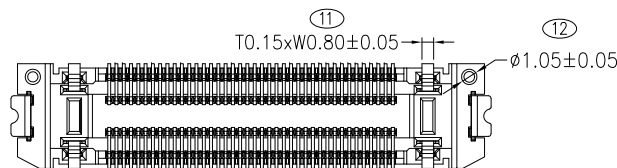
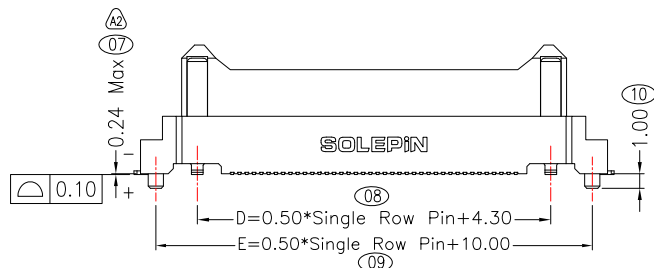
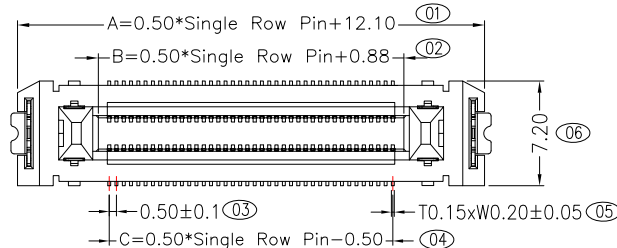
109=10.90mm("H1")

包装方式:

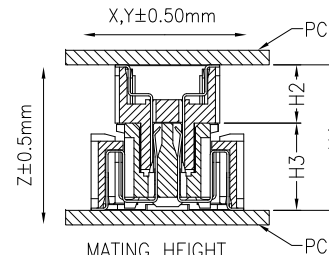
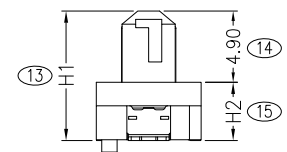
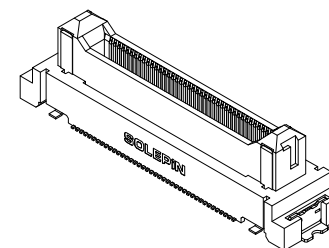
R=TAPE REEL

TABLE:

No. OF PIN	A	B	C	D	E
020=2x10PIN	17.10	5.88	4.50	9.30	15.00
030=2x15PIN	19.60	8.38	7.00	11.80	17.50
040=2x20PIN	22.10	10.88	9.50	14.30	20.00
050=2x25PIN	24.60	13.38	12.00	16.80	22.50
060=2x30PIN	27.10	15.88	14.50	19.30	25.00
080=2x40PIN	32.10	20.88	19.50	24.30	30.00
100=2x50PIN	37.10	25.88	24.50	29.30	35.00
120=2x60PIN	42.10	30.88	29.50	34.30	40.00



RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLERANCE±0.05



MATING HEIGHT	H1	H2	H3	H4
8.0mm	6.90	2.00		8.00
10.0mm	8.90	4.00	6.00	10.00
12.0mm	10.90	6.00		12.00

A3	2022. 04. 18	更新PCB LAYOUT	WLY		OPERATION	DRAW	WLY	2022.04.18	SOLEPIN 东莞市硕品电子有限公司 Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
A2	2021. 10. 09	贴板尺寸修改为最大0.24 Max, 接触电阻由80mΩ MAX. 修改为120mΩ MAX.	WLY		X.X ±0.40	DESIGN	Jensen	2022.04.18				
A1	2021. 05. 28	焊盘长度加大0.2	WLY		X.XX ±0.25	CHECK	Jack	2022.04.18	SIZE	A4	PART NO.	66A2-MXXXXXXXXR02
A0		NEW			X.XXX ±0.15	APPROVE	Andy	2022.04.18	SHEET	1/1	TITLE:	0.50mm 浮动BTB 公头 直立式SMT TYPE
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle ±3°	UNIT	mm	SCALE	1:1	PROJ.	DRAW NO.	SP-134
					DIM. TOL							

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: COPPER ALLOY,INTEGRAL NICKEL BASE 50u"MIN FLASH GOLD, CONTACT AND SOLDER FOOT AREA 3u"MIN
- 1.3 GROUND: BRASS,INTEGRAL NICKEL BASE 50u"MIN; FLASH GOLD, CONTACT AND SOLDER FOOT AREA 3u"MIN

2. ELECTRICAL:

- 2.1 RATED VOLTAGE: SIGNAL PIN AC 50 V.
POWER PIN AC 200 V.
- 2.1 CURRENT RATING: SIGNAL PIN 0.5A.
POWER PIN 5.0A.
- 2.2 DIELECTRIC WITHSTANDING VOLTAGE: SIGNAL PIN 150V AC/MINUTE.
POWER PIN 600V AC/MINUTE.
- 2.3 CONTACT RESISTANCE: SIGNAL PIN 120mΩ MAX.
POWER PIN 80mΩ MAX.
- 2.4 INSULATION RESISTANCE: SIGNAL PIN 100V DC/0.1S/100MΩ
POWER PIN 250V DC/0.1S/1000MΩ

3.SALT SPRAY TEST:

- 3.1 CONCENTRATION IS 5%, THE TEMPERATURE IS 35±2°C,
TEST TIME 8H MIN,NO OXIDATION OR RUST

4.MAX PROCESSING TEMP:265°C SECONDS 40S

5.OPERATION TEMPERATURE:-40°C TO +125°C.

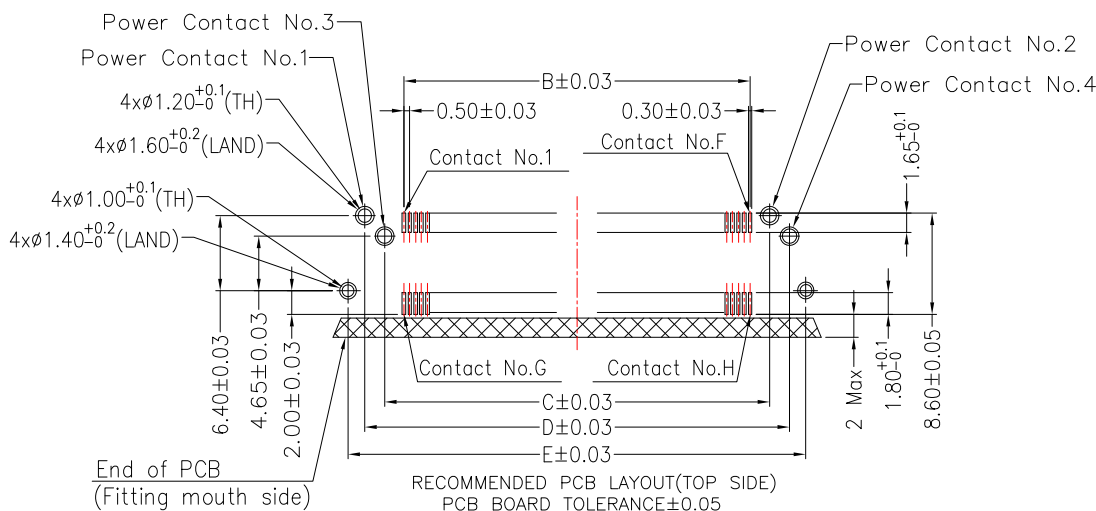
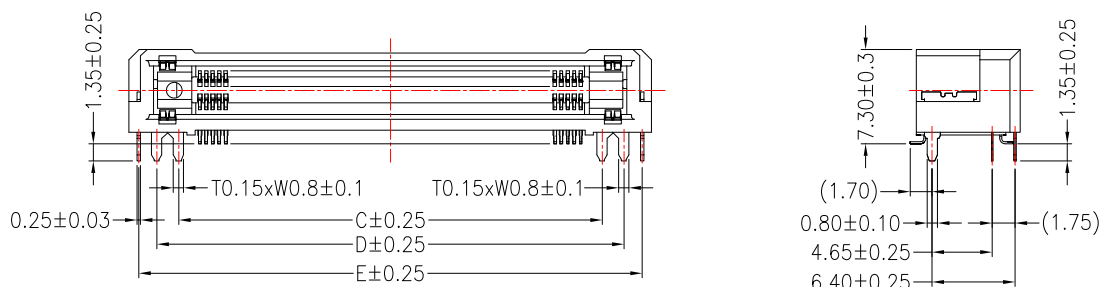
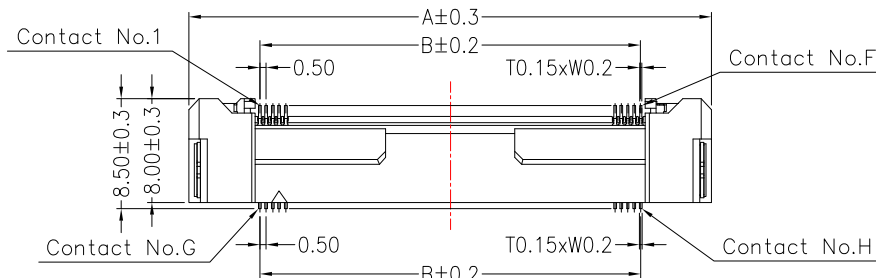
6.WARRANTY PERIOD: 6 MONTHS

7.ORDER INFORMATION:

66A2R-F XXX XX 073 R 01

Pin数码	端子电镀:	塑胶高度:	包装方式:
SEE TABLE	G0=Gold Flash(全金)	073=7.30mm("H1")	R=TAPE REEL
030=2x15PIN	G1=1u" Gold		
050=2x25PIN	G2=3u" Gold		
.....	G3=5u" Gold		
	G4=10u" Gold		
	G5=15u" Gold		
	G6=30u" Gold		

No. OF PIN	A	B	C	D	E
20=2x10PIN	15.50	4.50	7.80	11.20	14.00
30=2x15PIN	18.00	7.00	10.30	13.70	16.50
40=2x20PIN	20.50	9.50	12.80	16.20	19.00
50=2x25PIN	23.00	12.00	15.30	18.70	21.50
60=2x30PIN	25.50	14.50	17.80	21.20	24.00
80=2x40PIN	30.50	19.50	22.80	26.20	29.00
100=2x50PIN	35.50	24.50	27.80	31.20	34.00
120=2x60PIN	40.50	29.50	32.80	36.20	39.00



OPERATION	DRAW	WLY	2022.04.18
X.X ±0.40	DESIGN	Jensen	2022.04.18
X.XX ±0.25	CHECK	Jack	2022.04.18
X.XXX ±0.15	APPROVE	Andy	2022.04.18
Angle ±3°	UNIT	mm	SCALE 1:1
DIM. TOL			

SOLEPIN 东莞市硕品电子有限公司
Professional connector manufacturer DONGGUAN SOLEPIN ELECTRONICS CO., LTD.

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	SIZE	A4	PART NO.	66A2R-FXXXXX073R01
AO		NEW			SHEET	1/1	TITLE:	0.50mm 浮动BTB 母座 卧式DIP 90° TYPE
					PROJ.		DRAW NO.	SP-678