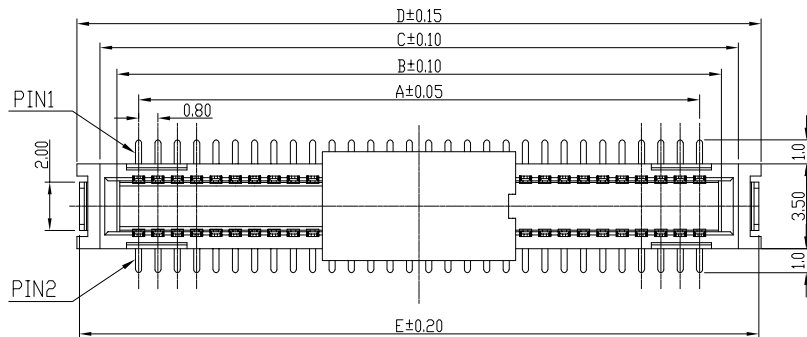


NOTES:

MATERIAL:

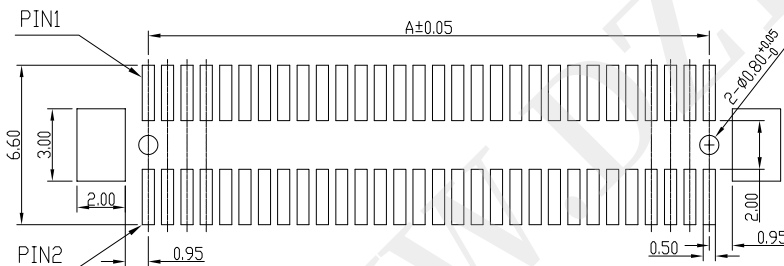
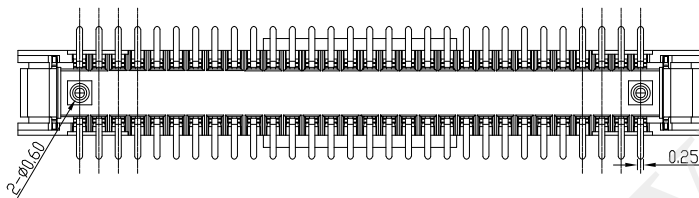
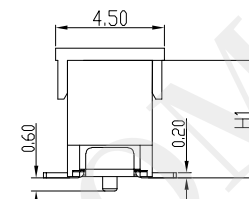
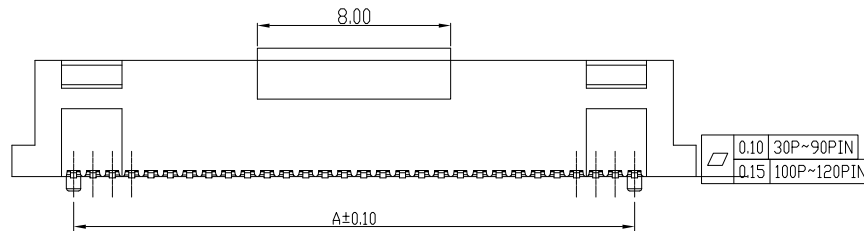
- 1.HOUSING:LCP UL94V-0 BLACK
- 2.CONTACT:PHOSPHOR BRONZE
- PLATING: GOLD ON THE CONTACT AREA
- UNDERPLATING:50~120U" NICKEL OVERALL

ELECTRICAL:

- 1.CURRENT RATING:0.5A
- 2.VOLTAGE RATING:50V
- 3.WITHSTANDING VOLTAGE:250V
- 4.CONTACT RESISTANCE:100MΩ MAX
- 5.INSULATION RESISTANCE:500MΩ MIN
- 6.FLOATING RANGE ±0.5MM IN X, Y, Z DIRECTIONS

ENVIRONMENTAL:

1. OPERATING TEMPERATURE:-40°C TO +125°C.



Recommended PC board pattern

(TOP VIEW)

LB48XX-X XX P-WXR

PACKING: R: CARRIER REEL

0:WITH POSITIONING POSTS

1:WITHOUT POSITIONING POSTS

COLOR:BLACK/WHITE

PLUG

PIN

PLATING TYPE G:1u" Au Min(GOLD FLASH)

2:2u" Au Min

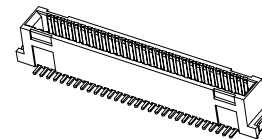
3:3u" Au Min F:10u" Au Min

E:30u" Au Min

HEIGHT:48=4.8H,68=6.8H,78=7.8H,91=9.05H

8:0.8 PITCH

LXWCONN BTB CONNECTOR SERIES



PLUG H1	4.80	6.80	7.80	9.05
SOCKET				
8.45	9.75 9.25~10.25	11.75 11.25~12.25	12.75 12.25~13.25	14.00 13.50~14.50

PLUG H2	10.95	13.05		
SOCKET				
8.45	15.90 15.50~16.50	18.00 17.50~18.50		

CKT	A	B	C	D	E
30	11.2	13.0	14.4	16.3	16.1
40	15.2	17.0	18.4	20.3	20.1
50	19.2	21.0	22.4	24.3	24.1
60	23.2	25.0	26.4	28.3	28.1
70	27.2	29.0	30.4	32.3	32.1
80	31.2	33.0	34.4	36.3	36.1
90	35.2	37.0	38.4	40.3	40.1
100	39.2	41.0	42.4	44.3	44.1
110	43.2	45.0	46.4	48.3	48.1
120	47.2	49.0	50.4	52.3	52.1

LXW 连兴旺电子(深圳)有限公司
connectivity LXWCONN ELECTRONICS(SHENZHEN) CO., LTD

制图 (DR):	EAST_ZHOU 2025.02.28	品名(TITLE):	IMSA 0.80 BTB PLUG 1
审核 (CHKD):		料号(PART NO):	LB48xx-xxxP-BxR
核准 (APPD):	TONG 2025.02.28	比例(SCALE):	1:1
		单位(UNITS):	mm
		张数(SHEET):	1 OF 1
		图幅(SIZE):	A4

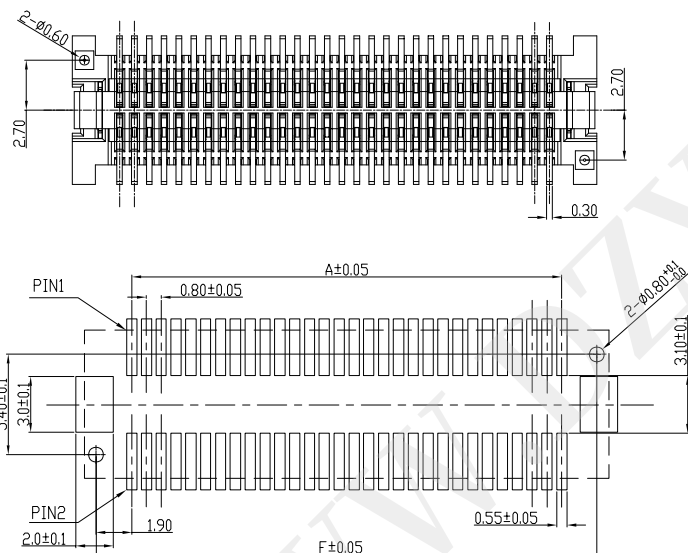
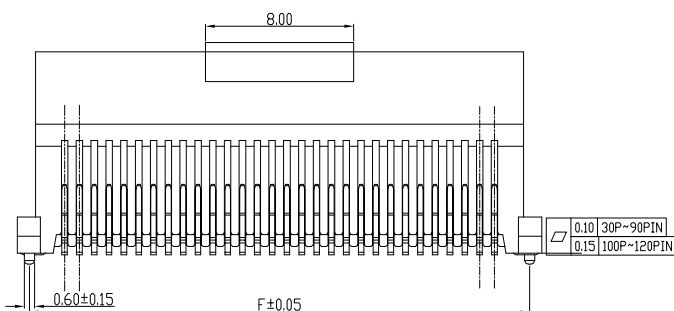
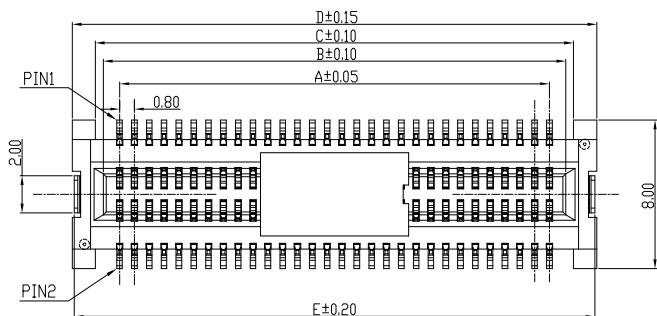
RoHS
Compliant
2013/05/EC



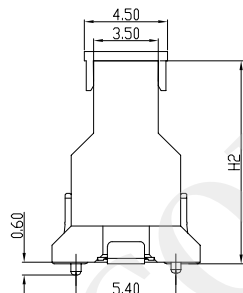
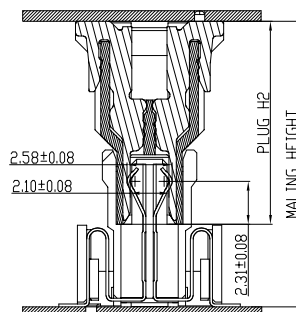
修订 SER	修改摘要 REVISION DESCRIPTION	签名 SIGNATURE	日期 DATE

一般公差
GENERAL TOLERANCE
X ±0.30
XX ±0.20
XXX ±0.10
ANGLES ±2°

版本 A (REV)



Recommended PC board pattern
(TOP VIEW)



LB48XX-X XX P-BXR

PACKING: R: CARRIER REEL

0:WITH POSITIONING POSTS

1:WITHOUT POSITIONING POSTS

COLOR:BLACK

P:PLUG

PIN

PLATING TYPE G:1u" Au Min(GOLD FLASH)

2:2u" Au Min

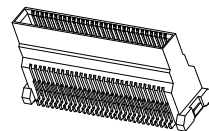
3:3u" Au Min F:10u" Au Min

E:30u" Au Min

HEIGHT: A1:10.95 A3:13.05

8:0.8 PITCH

LXWCONN BTB CONNECTOR SERIES



NOTES:

MATERIAL:

1.HOUSING:LCP UL94V-0 BLACK

2.CONTACT:PHOSPHOR BRONZE

PLATING: GOLD ON THE CONTACT AREA

UNDERPLATING:50~120U" NICKEL OVERALL

ELECTRICAL:

1.CURRENT RATING:0.5A

2.VOLTAGE RATING:50V

3.WITHSTANDING VOLTAGE:250V

4.CONTACT RESISTANCE:100MΩ MAX

5.INSULATION RESISTANCE:500MΩ MIN

6.FLOATING RANGE ±0.5MM IN X, Y, Z DIRECTIONS

ENVIRONMENTAL:

1. OPERATING TEMPERATURE:-40°C TO +125°C.

PLUG H1 SOCKET	4.80	6.80	7.80	9.05
8.45	9.75	11.75	12.75	14.00
	9.25~10.25	11.25~12.25	12.25~13.25	13.50~14.50

PLUG H2 SOCKET	10.95	13.05		
8.45	15.90	18.00		
	15.50~16.50	17.50~18.50		

CKT	A	B	C	D	E	F
30	11.2	12.95	13.8	16.3	16.1	15.0
40	15.2	16.95	17.8	20.3	20.1	19.0
50	19.2	20.95	21.8	24.3	24.1	23.0
60	23.2	24.95	25.8	28.3	28.1	27.0
70	27.2	28.95	29.8	32.3	32.1	31.0
80	31.2	32.95	33.8	36.3	36.1	35.0
90	35.2	36.95	37.8	40.3	40.1	39.0
100	39.2	40.95	41.8	44.3	44.1	43.0
110	43.2	44.95	45.8	48.3	48.1	47.0
120	47.2	48.95	49.8	52.3	52.1	51.0

LXW 连兴旺电子(深圳)有限公司
connectivity LXWCONN ELECTRONICS(SHENZHEN)CO.,LTD

制图 (DR):	EAST_ZHOU 2025.02.28	品名(TITLE):	IMSA 0.80 BTB PLUG 2
审核 (CHKD):		料号(PART NO):	LB48xx-xxxP-BxR
核准 (APPD):	TONG 2025.02.28	比例(SCALE):	1:1
		单位(UNITS):	mm
		张数(SHEET):	1 OF 1
		图幅(SIZE):	A4

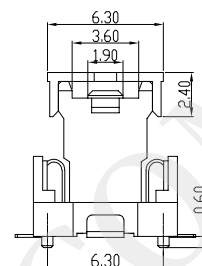
RoHS
Compliant
2013/55/EC



一般公差
GENERAL TOLERANCE
X ±0.30
XX ±0.20
XXX ±0.10
ANGLES ±2°

修订 SER	修改摘要 REVISION DESCRIPTION	签名 SIGNATURE	日期 DATE





NOTES:

MATERIAL:

1.HOUSING:LCP UL94V-0 BLACK
2.CONTACT:PHOSPHOR BRONZE
PLATING: GOLD ON THE CONTACT AREA
UNDERPLATING:50~120U" NICKEL OVERALL

ELECTRICAL:

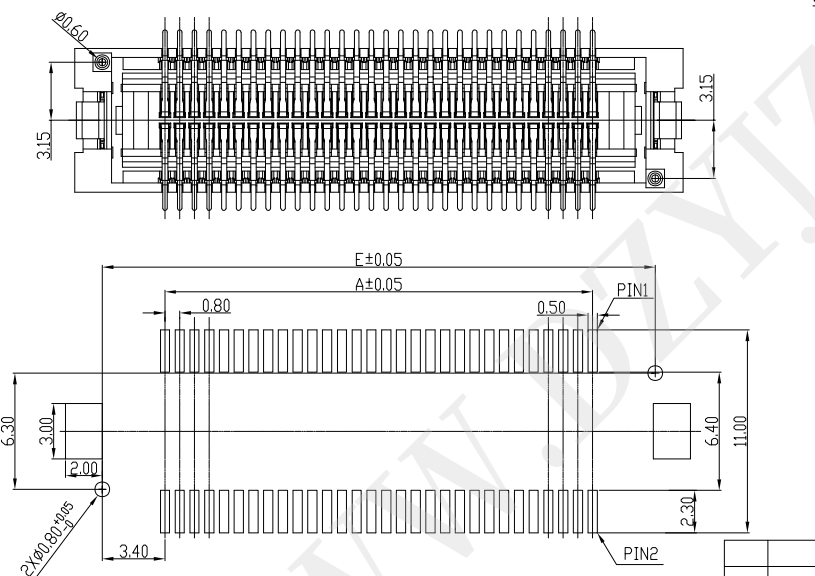
- 1.CURRENT RATING:0.5A
- 2.VOLTAGE RATING:50V
- 3.WITHSTANDING VOLTAGE:250V
- 4.CONTACT RESISTANCE:100MΩ MAX
- 5.INSULATION RESISTANCE:500MΩ MIN
- 6.FLOATING RANGE ±0.5MM IN X, Y, Z DIRECTIONS

ENVIRONMENTAL:

1. OPERATING TEMPERATURE: -40°C TO +125°C.

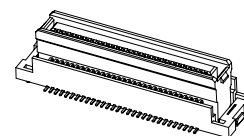
PLUG HI SOCKET	4.80	6.80	7.80	9.05
8.45	9.75	11.75	12.75	14.00
	9.25~10.25	11.25~12.25	12.25~13.25	13.50~14.50

PLUG H2 SOCKET	10.95	13.05		
8.45	15.90	18.00		
	15.50~16.50	17.50~18.50		



LB4885-X XX S-WXR

PACKING: R: CARRIER REEL
0: WITH POSITIONING POSTS
1: WITHOUT POSITIONING POSTS
COLOR: BLACK
S: SOCKET
PIN
PLATING TYPE G: 1u" Au Min (GOLD FLASH)
2: 2u" Au Min
3: 3u" Au Min F: 10u" Au Min
E: 30u" Au Min
HEIGHT: 85--8.45H
8: 0.8 PITCH
LXWCONN BTB CONNECTOR SERIES



Recommended PC board pattern
(TOP VIEW)

一般公差	
GENERAL TOLERANCE	
.X	± 0.30
.XX	± 0.20
.XXX	± 0.10
ANGLES	$\pm 2^\circ$

版本 A (REV)	
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 **LXW** 连兴旺电子(深圳)有限公司
connectivity LXWCONN ELECTRONICS (SHENZHEN) CO., LTD

制圖 (3D):	EAST_ZHOU	品名(TITLE):	IMSA 0.80 BTB SOCKET
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审核 (CHKD): 料号 (PART NO): LB4885-xxxS-BxR

核准 (APPD):	TONG 2025.02.28	比例 (SCALE) 1:1	单位 (UNITS) mm	张数 (SHEET) 1 OF 1	图幅 (SIZE) A4
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**RoHS
Compliant**
2013/95/EC

