

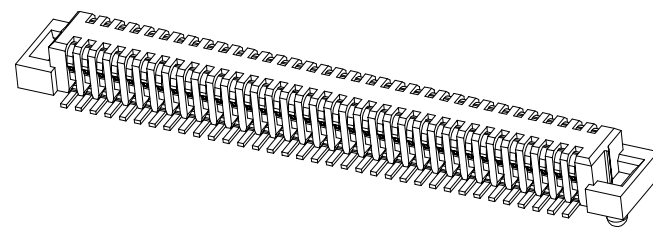
RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

NOTES:  
MATERIAL:  
1.HOUSING:THERMO-PLASTIC. UL 94V-0 NATURE  
2.CONTACT:PHOSPHOR BRONZE  
CONTACT:SEE ORDER INFORMATION; SOLDER:GOLD FLASH  
UNDERPLATING:50~120u" NICKEL OVERALL

ELECTRICAL:  
1.CURRENT RATING:0.5A 60V AC/DC  
2.WITHSTANDING VOLTAGE:150V AC for 1 min  
3.CONTACT RESISTANCE:90mΩ MAX  
4.INSULATION RESISTANCE:1000MΩ MIN

ENVIRONMENTAL:  
1. OPERATING TEMPERATURE:-55? TO +125?.

LB2512-X XX P-WOR  
PACKING: R: CARRIER REEL  
O:WITH POSITIONING POSTS  
1:WITHOUT POSITIONING POSTS  
COLOR:BLACK/WHITE  
PLUG  
10~100PIN  
PLATING TYPE  
G:1u" Au Min(GOLD FLASH)  
3:3u" Au Min  
8:8u" Au Min  
F:10u" Au Min  
HEIGHT:DIM D 12=1.25H  
17=1.75H  
5:0.5 PITCH  
2:RUNNING NUMBER  
LXWCONN BTB CONNECTOR SERIES



| PIN  | DIM A | DIM B | DIM C |
|------|-------|-------|-------|
| 10P  | 5.50  | 2.00  | 4.70  |
| 12P  | 6.00  | 2.50  | 5.20  |
| 14P  | 6.50  | 3.00  | 5.70  |
| 16P  | 7.00  | 3.50  | 6.20  |
| 20P  | 8.00  | 4.50  | 7.20  |
| 22P  | 8.50  | 5.00  | 7.70  |
| 24P  | 9.00  | 5.50  | 8.20  |
| 30P  | 10.50 | 7.00  | 9.70  |
| 34P  | 11.50 | 8.00  | 10.70 |
| 40P  | 13.00 | 9.50  | 12.20 |
| 50P  | 15.50 | 12.00 | 14.70 |
| 60P  | 18.00 | 14.50 | 17.20 |
| 70P  | 20.50 | 17.00 | 19.70 |
| 80P  | 23.00 | 19.50 | 22.20 |
| 100P | 28.00 | 24.50 | 27.20 |

| DIM H | DIM H1 | DIM H2 |
|-------|--------|--------|
| 1.50  | 1.25   | 1.35   |
| 2.00  | 1.25   | 1.85   |
| 2.50  | 1.75   | 1.85   |

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

0.5mm PITCH BTB CONN PLUG  
制图 (DR): 2022.05.26 品名(TITLE): NARROW SPACING  
审核 (CHKD): 料号(PART NO): LB25XX-XXXX-WXR  
比例(SCALE): 1:1 单位(UNITS): mm 张数(SHEET): 1 OF 2 图幅(SIZE): A4  
核准 (APPD):



| 修订  | 修改摘要                 | 签名        | 日期         |
|-----|----------------------|-----------|------------|
| A1  | 增加合模示意图              | East_Zhou | 2022.03.30 |
| A0  | NEW EDITION          | East_Zhou | 2021.12.16 |
| SER | REVISION DESCRIPTION | SIGNATURE | DATE       |

一般公差  
GENERAL TOLERANCE  
XX ±0.30  
XX ±0.20  
XX ±0.10  
ANGLES ±2°  
版本 A1  
(REV)