

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 3 to 15 circuits

Reference Information

Packaging: Bulk or tray
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: [3022-NB](#)
 Mated Height: 14.40mm (.567")
 Mated Width: 7.90mm (.311")
 Designed In: Millimeters

Electrical

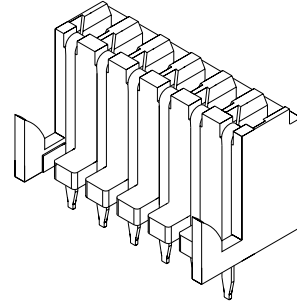
Voltage: 250V
 Current: 3.0A
 Contact Resistance: 20mΩ max.
 Dielectric Withstanding Voltage: 1000V AC/1 min.
 Insulation Resistance: 1000 MΩ min.

Physical

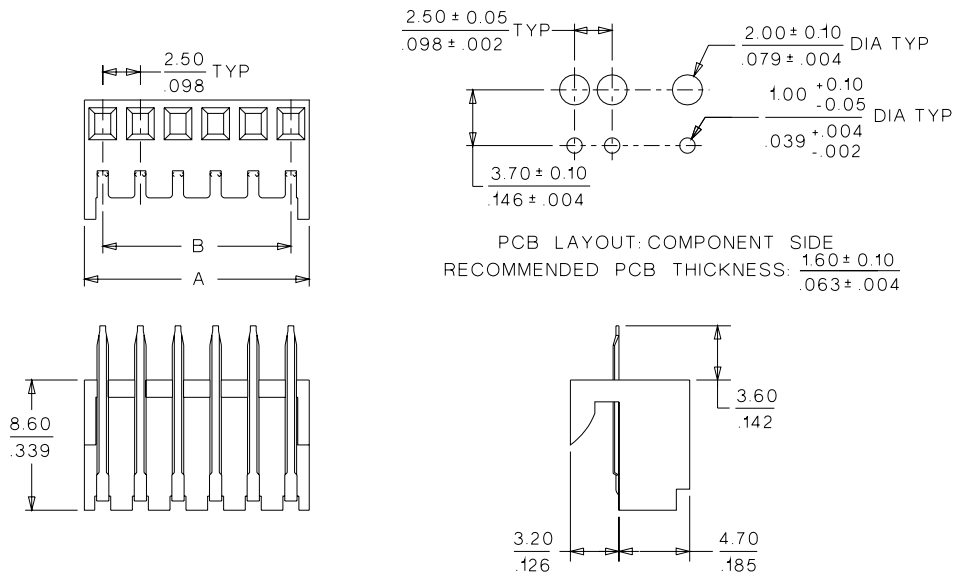
Housing: 6/6 nylon, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Tin
 Operating Temperature: -40 to +105°C

molex® 2.50mm (.098") Pitch Board-to-Board Connector

5124-NBHPB Bottom Entry Single Row



CATALOG DRAWING (FOR REFERENCE ONLY)



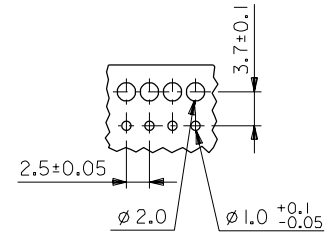
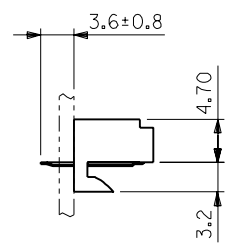
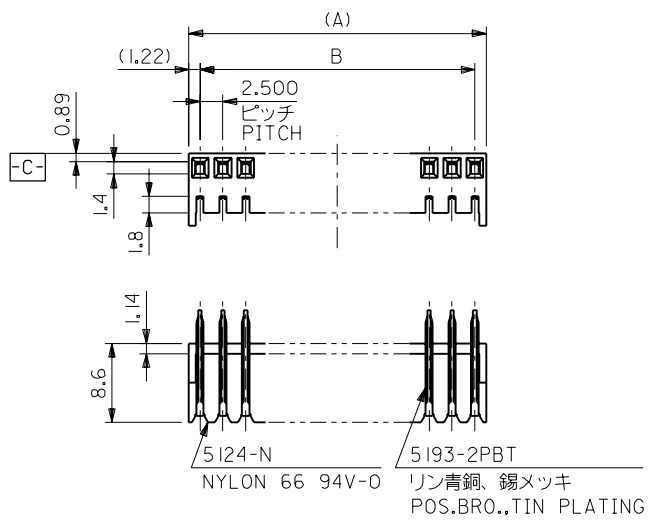
ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No. | Dimension | |
|----------|------------|---------------|---------------|
| | | A | B |
| 3 | 10-07-2035 | 7.44 (.293) | 5.00 (.196) |
| 4 | 10-07-2045 | 9.94 (.391) | 7.50 (.295) |
| 5 | 10-07-2055 | 12.44 (.490) | 10.00 (.393) |
| 6 | 10-07-2065 | 14.94 (.588) | 12.50 (.492) |
| 7 | 10-07-2075 | 17.44 (.687) | 15.00 (.590) |
| 8 | 10-07-2085 | 19.94 (.785) | 17.50 (.688) |
| 9 | 10-07-2095 | 22.44 (.883) | 20.00 (.787) |
| 10 | 10-07-2105 | 24.94 (.982) | 22.50 (.885) |
| 11 | 10-07-2115 | 27.44 (1.080) | 25.00 (.984) |
| 12 | 10-07-2125 | 29.94 (1.179) | 27.50 (1.082) |
| 13 | 10-07-2135 | 32.44 (1.277) | 30.00 (1.181) |
| 14 | 10-07-2145 | 34.94 (1.376) | 32.50 (1.279) |
| 15 | 10-07-2155 | 37.44 (1.474) | 35.00 (1.377) |

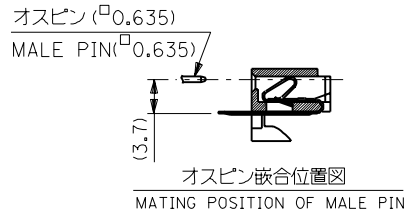
B

2.00 to 2.50mm (.079 to .098") Pitch

DWG. NO.
SD-5124-NBHPB



P. C BOARD 下寸法
P.C. BOARD HOLE DIM.



- 注)
NOTE.
- () 内寸法は参考値。
() REFERENCE.
 - [C] 面におけるそりは0.4MAX.
CAMBER MUST BE WITHIN 0.4MAX. AT THE DATUM "C".

| | | | | |
|-------|-----------|------------|-------------|------|
| 49.94 | 47.5±0.30 | 10-07-2205 | 5124-20BHPB | 20 |
| 47.44 | 45.0±0.30 | ↑ -2195 | ↑ -19BHPB | 19 |
| 44.94 | 42.5±0.30 | -2185 | -18BHPB | 18 |
| 42.44 | 40.0±0.25 | -2175 | -17BHPB | 17 |
| 39.94 | 37.5±0.25 | -2165 | -16BHPB | 16 |
| 37.44 | 35.0±0.20 | -2155 | -15BHPB | 15 |
| 34.94 | 32.5±0.20 | -2145 | -14BHPB | 14 |
| 32.44 | 30.0±0.20 | -2135 | -13BHPB | 13 |
| 29.94 | 27.5±0.20 | -2125 | -12BHPB | 12 |
| 27.44 | 25.0±0.20 | -2115 | -11BHPB | 11 |
| 24.94 | 22.5±0.20 | -2105 | -10BHPB | 10 |
| 22.44 | 20.0±0.15 | -2095 | -09BHPB | 9 |
| 19.94 | 17.5±0.15 | -2085 | -08BHPB | 8 |
| 17.44 | 15.0±0.15 | -2075 | -07BHPB | 7 |
| 14.94 | 12.5±0.15 | -2065 | -06BHPB | 6 |
| 12.44 | 10.0±0.15 | -2055 | -05BHPB | 5 |
| 9.94 | 7.5±0.10 | -2045 | -04BHPB | 4 |
| 7.44 | 5.0±0.10 | ↓ -2035 | ↓ -03BHPB | 3 |
| 4.94 | 2.5±0.10 | 10-07-2025 | 5124-02BHPB | 2 |
| (A) | B | EDP.NO. | ENG.NO. | 極数 N |

DO NOT SCALE DRAWING

| | | | | | | | | | | | | | |
|--|----------------------------------|----------------------------------|----------------------------------|--|----------------------|---|---------------|---|---------------------------|--|-----------------------------|------------------------------|----------------|
| EC NO. DRWN: CHK: APPR: | EC NO. DRWN: CHK: APPR: | EC NO. DRWN: CHK: APPR: | EC NO. DRWN: CHK: APPR: | REDRAWN EC NO. JC2000-0629 DRWN: K.KOHAMA CHK: T.YAMAGUCHI APPR: M.FUKUSHIMA | MATERIAL 材料 | GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 | SCALE 2:1 | DESIGN UNITS mm INCH | THIRD ANGLE PROJECTION | TITLE: K.K. 2.50 FEMALE ASS'Y (SOLDER BTM ENTY TYPE) | MATERIAL NO. 5124-**BHPB | DRAWING NO. SD-5124-NBHPB | SHEET NO. I |
| | | | | DESCRIPTION | FINISH 仕上げ | 10 UNDER 未滿 | ±0.25 +0.2 | DRAWN BY & DATE K.KOHAMA 007/3/28 | | | | | |
| | | | | | WIRE RANGE 適用線径範囲 | 10 OVER 以上 | ±0.3 +0.25 | CHECKED BY & DATE T.YAMAGUCHI 007/3/30 | | | | | |
| | | | | REV | INS. RANGE 被覆外径 | 30 OVER 以上 | ±0.35 +0.3 | APPROVED BY & DATE M.FUKUSHIMA 007/3/30 | | | | | |
| | | | | | | ANGLE 角度 | +3° | CAD FILENAME S5124.S10 | | | | | SIZE B |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | | | | | | | | | | | | | |