

Amphenol FCI

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D

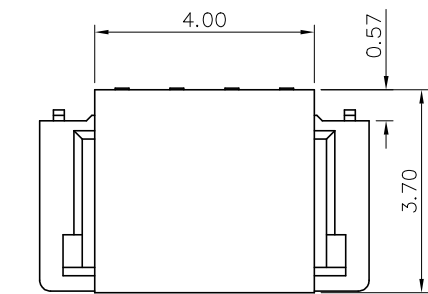
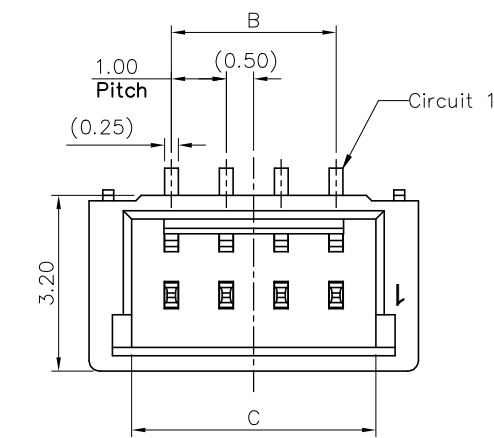
A

B

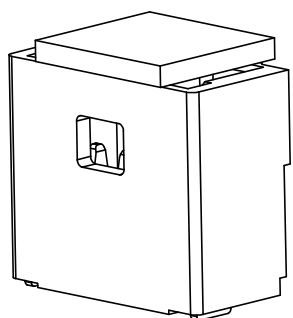
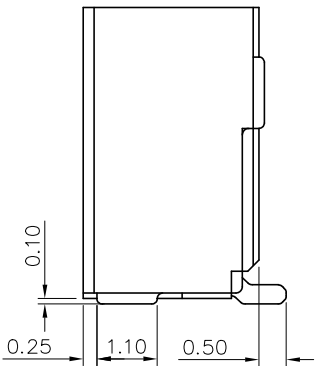
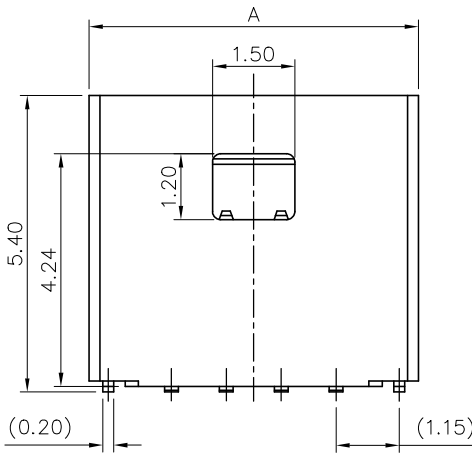
C

D

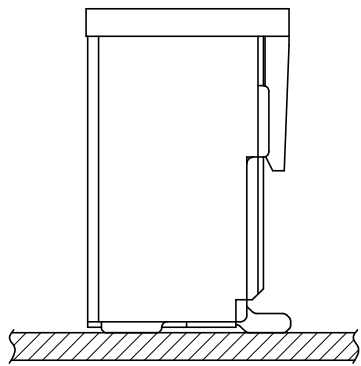
| Part number | Dimensions (mm) | | |
|------------------|-----------------|------|------|
| | A | B | C |
| 10164365-002X1LF | 4.00 | 1.00 | 2.45 |
| 10164365-003X1LF | 5.00 | 2.00 | 3.45 |
| 10164365-004X1LF | 6.00 | 3.00 | 4.45 |
| 10164365-005X1LF | 7.00 | 4.00 | 5.45 |



Top view (With CAP)



3D view (With CAP)



- NOTE:
- 1.MATERIAL:
 - 1.1 HOUSING:PA4T, UL94V-0, HOLOGEN FREE
 - 1.2 CONTACT PIN: COPPY ALLOY
 - 1.3 SOLDER PIN: COPPY ALLOY
 - 2.FINISH:
 - 2.1 CONTACT PIN:FINISH PLATING REFER TO ORDERING CODE
 - 2.2 SOLDER TAB:TIN PLATED
 - 3.ELECTRICAL CHARACTERISTICS
 - RATING CURRENT: 1.0A AC/DC
 - RATING VOLTAGE: 100V AC/DC
 - OPERATING TEPERATURE: -40°C~+105°C
 - 4.MATE WITH RECEPTACLE: AFCI 10164367
 - 5.PARTS MEET REFLOW APPLICATION PEAK TEM. 260°C, 10s MAX.
 - 6.ORDERING CODE:10164365-X XX X X LF
- COLOR
0:NATURAL
1:BLACK
- NO. OF PINS
02~15: 02~15 PINS
- PACKAGE
1:TAPE&REEL WITH CAP
- CONTACT FINISH
1:MATTE TIN
2:CONTACT AREA GOLD 15u" MIN
+SOLDER AREA GOLD FLASH
3:CONTACT AREA GOLD 30u" MIN
+SOLDER AREA GOLD FLASH
4:GOLD FLASH OVER ALL
5:CONTACT AREA GOLD 30u" MIN
+SOLDER AREA MATTE TIN

| | | | | | | | | | | | |
|-------------|-------------|-------|------------|---------------------------------------|------------|-------------------------------|------------------|--|--|--------------|------|
| mat'l. code | | | | surface ISO 1302 ✓ | | tolerance ISO 406 ISO 1101 | projection mm | product family FITMATE | | | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | | title | | | |
| A | New Release | Jason | 2021/9/2 | angles | linear | .X±.5 | | 1.00mm pitch connector header vertical | | | |
| B | ELX-N-54337 | JH | 2025/01/10 | | | .XX±.25 | | | | | |
| | | | | 0±2' | | .XXX±.10 | scale 2:1 | | | | |
| | | | | dr | Jason.Wang | 2022/1/12 | | dwg no | | sheet 1 of 3 | size |
| | | | | enr | Jason.Wang | 2022/1/12 | | 10164365 | | | A3 |
| | | | | chr | Song.Yang | 2022/1/12 | | | | | |
| | | | | appd | Tim.Yao | 2022/1/12 | | type Product Customer Drawing | | | |
| sheet index | revision | B | | | | | | | | | |
| | sheet | 1~3 | | | | | | | | | |

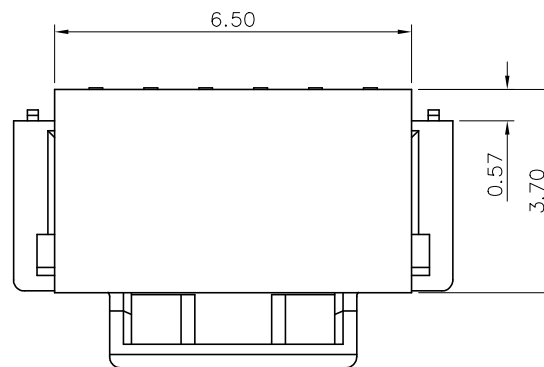
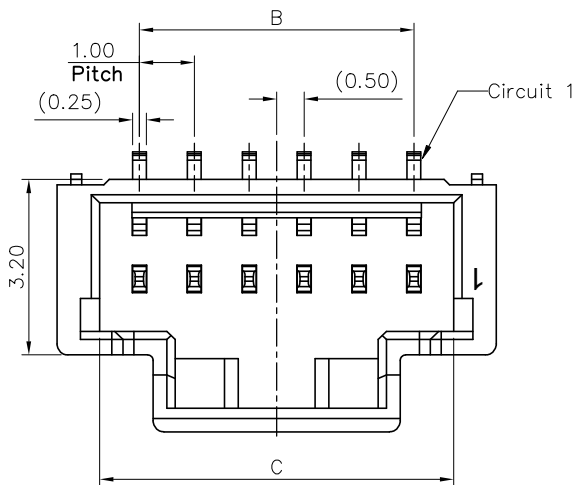
A

B

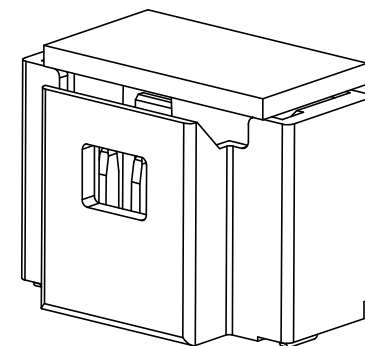
C

D

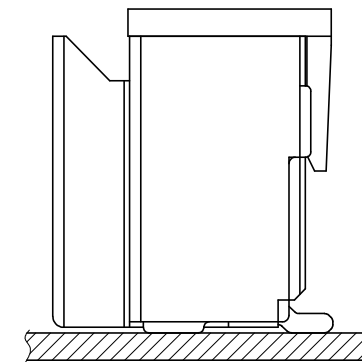
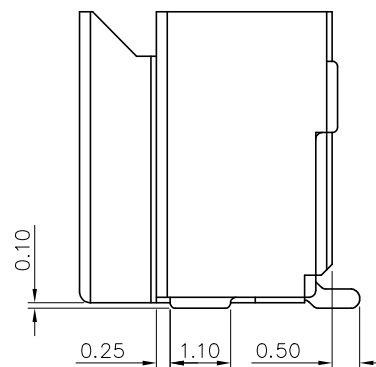
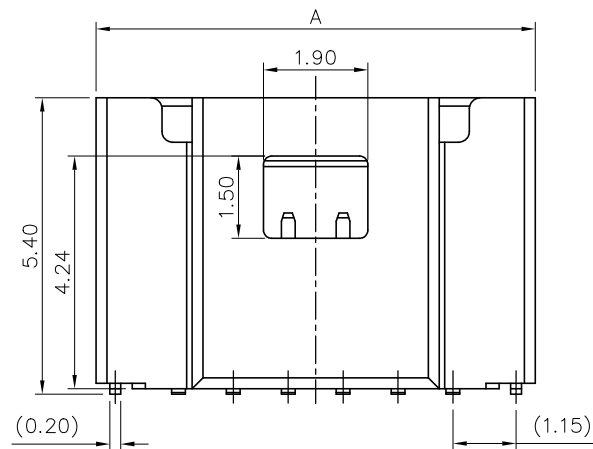
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

Top view (With CAP)

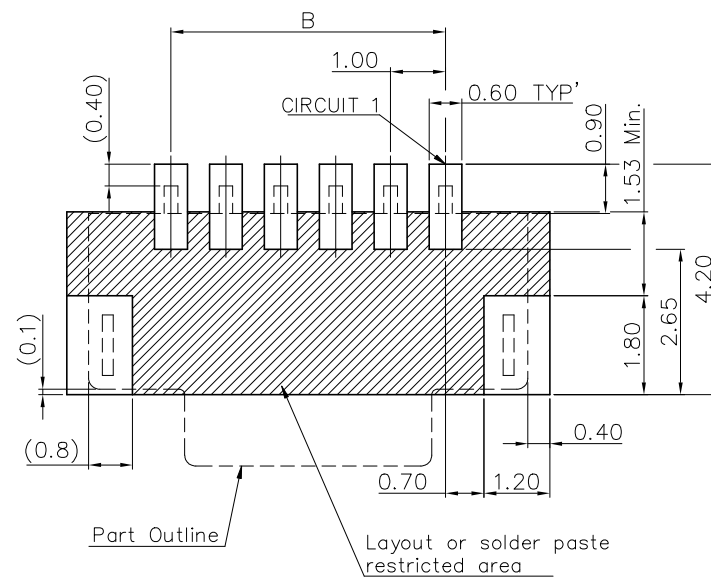


3D view (With CAP)



| Part number | Dimensions (mm) | | | Part number | Dimensions (mm) | | |
|------------------|-----------------|------|-------|------------------|-----------------|-------|-------|
| | A | B | C | | A | B | C |
| 10164365-006X1LF | 8.00 | 5.00 | 6.45 | 10164365-011X1LF | 13.00 | 10.00 | 11.45 |
| 10164365-007X1LF | 9.00 | 6.00 | 7.45 | 10164365-012X1LF | 14.00 | 11.00 | 12.45 |
| 10164365-008X1LF | 10.00 | 7.00 | 8.45 | 10164365-013X1LF | 15.00 | 12.00 | 13.45 |
| 10164365-009X1LF | 11.00 | 8.00 | 9.45 | 10164365-014X1LF | 16.00 | 13.00 | 14.45 |
| 10164365-010X1LF | 12.00 | 9.00 | 10.45 | 10164365-015X1LF | 17.00 | 14.00 | 15.45 |

| | | | | | | | | | | | | | |
|-------------|----------|----|-----|-----------------------|------------|---------------------------------------|-------------------------------|---|---|--|-------------|--------------------------|--|
| mat'l. code | | | | surface ISO 1302 ✓ | | tolerance ISO 406 ISO 1101 | | projection  | | product family FITMATE | | | |
| ltr | ecn | no | dr | date | | tolerances unless otherwise specified | | | | title | | | |
| B | | | | | | angles linear | .X±.5 | |  | 1.00mm pitch connector header vertical | | | |
| | | | | | | | .XX±.25 | | | | | | |
| | | | | | | | .XXX±.10 | | | | | | |
| | | | | | | | | scale 2:1 | | | | | |
| | | | | dr | Jason.Wang | 2022/1/12 | Amphenol FCi | | dwg no | | sheet2 of 3 | size | |
| | | | | enr | Jason.Wang | 2022/1/12 | | | 10164365 | | A3 | | |
| | | | | chr | Song.Yang | 2022/1/12 | | | | | | | |
| | | | | app | Tim.Yao | 2022/1/12 | | | | | | | |
| sheet index | revision | | B | | | | | | | type | | Product Customer Drawing | |
| | sheet | | 1~3 | | | | | | | | | | |



Recommended P.C.B Layout
General Tolerance ± 0.05

