

10132798- AA B C D E F LF

| AA | POSITION |
|----|----------|
| 01 | 2X05 |
| 02 | 2X10 |
| 03 | 2X15 |
| 04 | 2X20 |
| 05 | 2X25 |
| 06 | 2X30 |
| 08 | 2X40 |

| B | DESCRIPTION |
|---|--------------|
| 1 | RECEPTACLE 1 |
| 2 | RECEPTACLE 2 |

| D | POLARIZATION PEG | HOLD DOWN |
|---|------------------|-----------|
| 0 | YES | YES |
| 1 | NO | YES |
| 2 | YES | NO |
| 3 | NO | NO |

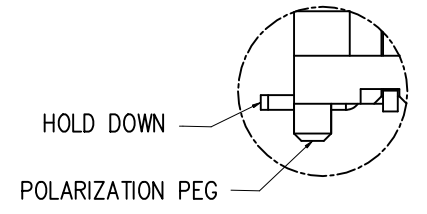
| E | PACKAGING |
|---|---------------------------|
| 0 | TAPE AND REEL WITHOUT CAP |

| F | CUSTOMER CODE |
|-------|----------------------------|
| BLANK | STANDARD P/N |
| V | APPLY FOR SPECIAL CUSTOMER |

*NOTE 6

| C | PLATING: CONTACT AREA/SOLDER TAIL AREA |
|---|---|
| 1 | 1~3u" Au ON CONTACT AREA OVER 50u" Ni Min GOLD FLASH ON SOLDER TAIL OVER 50u" Ni Min |

| 10132797 SERIES (PLUG SERIES) | | | | |
|---------------------------------------|---------|--------|--------|--------|
| COMBINATION OF MATED HEIGHT 3.0~4.5mm | Plug 1 | Plug 2 | Plug 3 | Plug 4 |
| Recep 1 | | | | |
| COMBINATION OF MATED HEIGHT 5.0~6.0mm | Plug 5 | Plug 6 | Plug 7 | |
| | Recep 2 | | | |



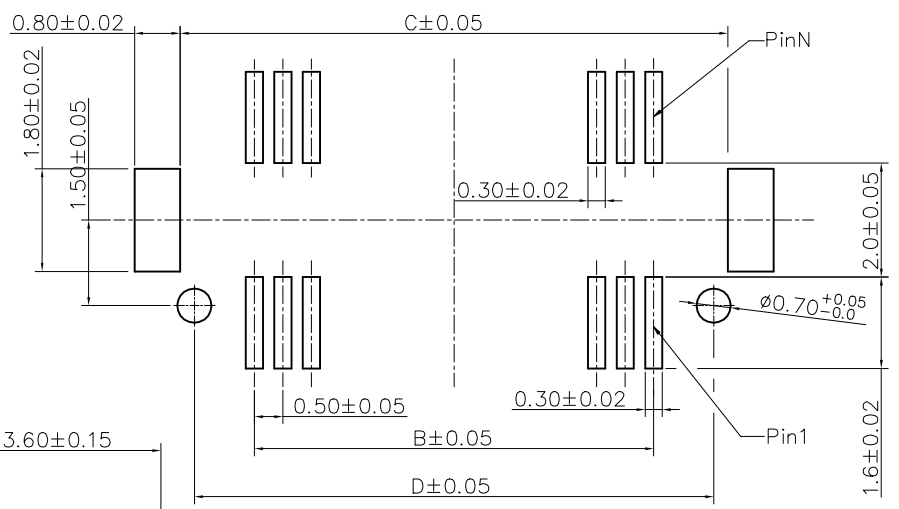
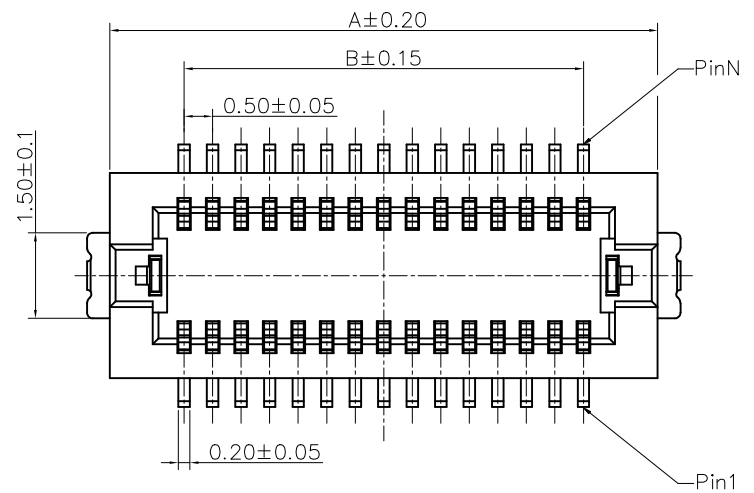
NOTE:

- MATERIAL:
HOUSING: THERMOPLASTIC BLACK UL94V-0
TERMINAL: COPPER ALLOY
HOLD DOWN: COPPER ALLOY
- PLATING:
TERMINAL: 1~3u" Au ON CONTACT AREA OVER 50u" Ni Min
GOLD FLASH ON SOLDER TAIL OVER 50u" Ni Min
HOLD DOWN: 100u" Tin Min ON SOLDER TAIL OVER 50u" Ni Min
- SEE GS-12-1298 FOR PRODUCT SPEC.
- PACKAGING: TAPE AND REEL WITHOUT CAP.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 80 PIN IS OPTIONAL FOR ONLY RECEPTACLE 1.

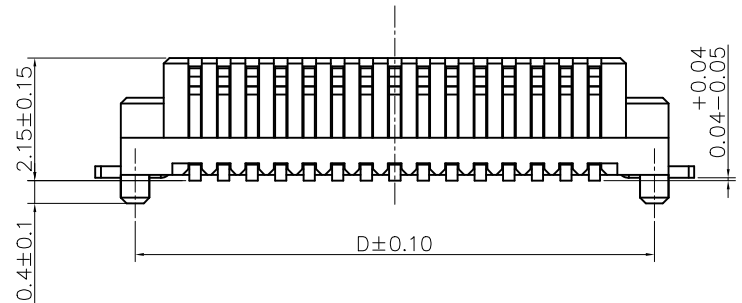
NOTE:
THE CONNECTORS ARE SYMMETRICAL, THE DISPLAYED ORIENTATIONS ARE FOR REFERENCE ONLY.

| | | | | | | | | | |
|-------------|----------------|--|-------------|---------------------------------------|----------|------------|--|-------------------------------------|--|
| mat'l. code | | surface ISO 1302 <input checked="" type="checkbox"/> | | tolerance ISO 406 ISO 1101 | | projection | | product family Bergstak | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | title | | BERGSTAK 0.5mm PITCH BTB RECEPTACLE | |
| E | ELX-N-36246-1 | BY | 2020/03/10 | angles | .0±.2 | mm | | sheet 1 of 3 | |
| F | ELX-N-46614-1 | BY | 2022/11/29 | linear | .00±.15 | scale 1:1 | | 10132798 A3 | |
| | | | | 0±2' | .000±.10 | | | type Product Customer Drawing | |
| | | dr | Y-Y Bao | 2022/11/29 | | | | sheet 1 of 3 | |
| | | eng | Y-Y Bao | 2022/11/29 | | | | 10132798 | |
| | | chr | Li-Qing Lei | 2022/11/29 | | | | A3 | |
| | | appd | Tim Yao | 2022/11/29 | | | | type Product Customer Drawing | |
| sheet index | revision sheet | F | 1/3 | | | | | | |

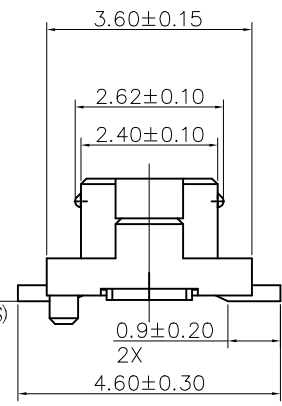
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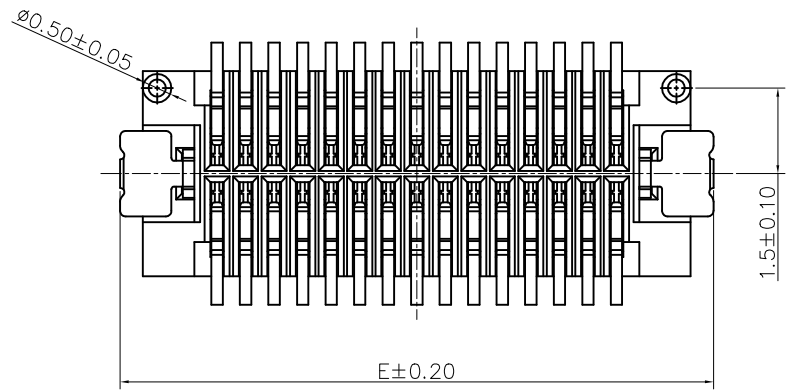
RECOMMENDED PCB LAYOUT



0.08 (ALL CONTACTS & HOLD DOWNS)

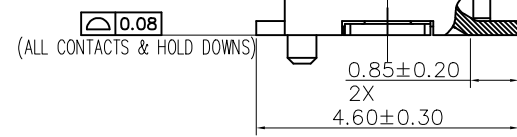
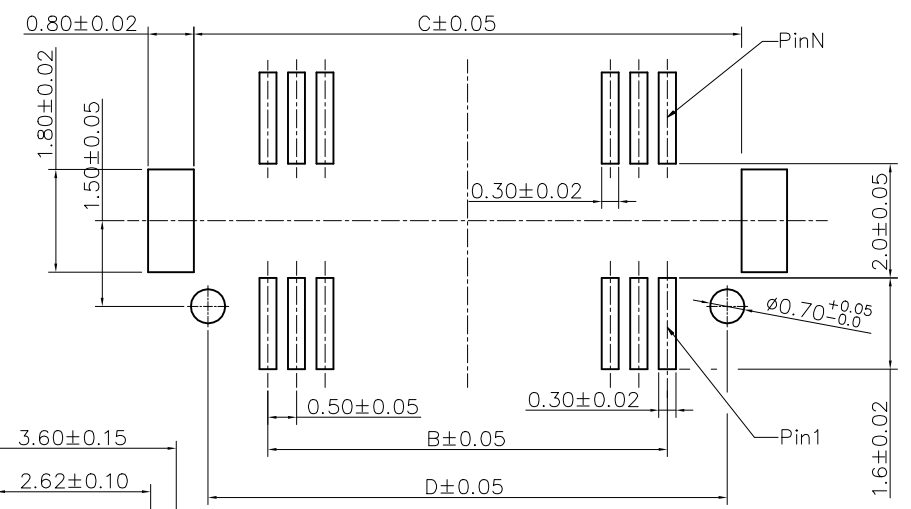
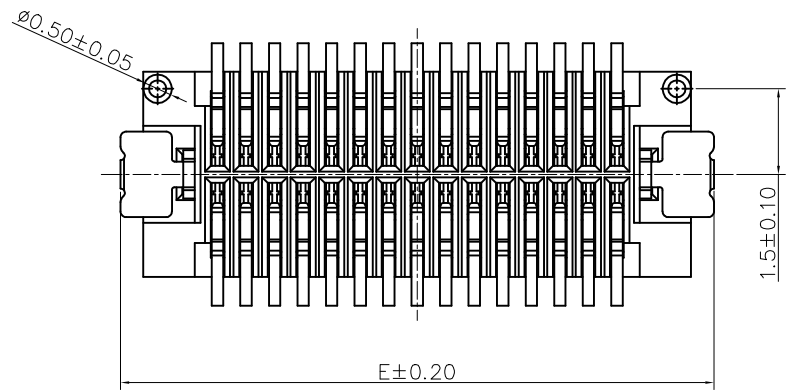
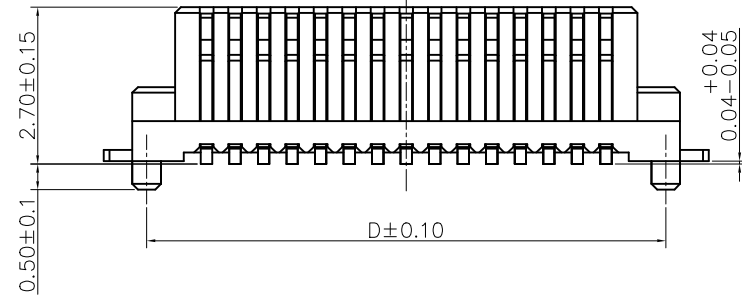
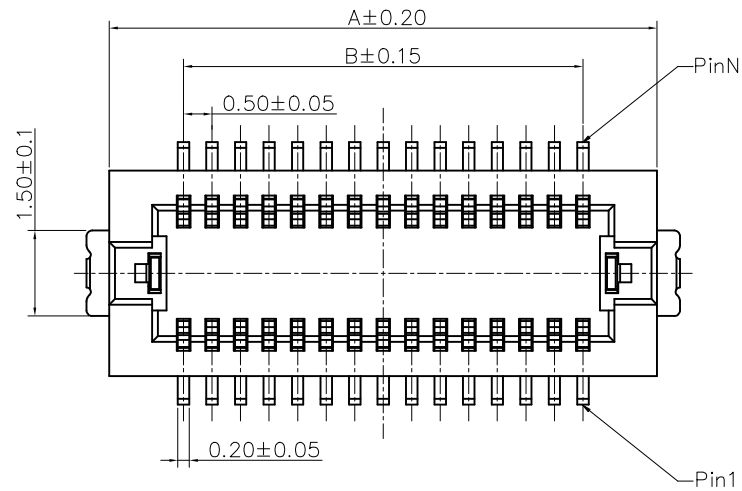


| pin.No. | A | B | C | D | E |
|---------|-------|-------|-------|-------|-------|
| 10 | 4.60 | 2.00 | 4.60 | 4.10 | 5.50 |
| 20 | 7.10 | 4.50 | 7.10 | 6.60 | 8.00 |
| 30 | 9.60 | 7.00 | 9.60 | 9.10 | 10.50 |
| 40 | 12.10 | 9.50 | 12.10 | 11.60 | 13.00 |
| 50 | 14.60 | 12.00 | 14.60 | 14.10 | 15.50 |
| 60 | 17.10 | 14.50 | 17.10 | 16.60 | 18.00 |
| 80 | 22.10 | 19.50 | 22.10 | 21.60 | 23.00 |



RECEPTACLE 1

| | | | | | | |
|-------------|----------|------------------|-------------|-------------------------------------|-------------------------------|--|
| mat'l. code | | surface | tolerance | projection | product family | |
| | | ISO 1302 | ISO 406 | ISO 1101 | Bergstak | |
| ltr | ecn no | dr | date | title | | |
| F | | | | BERGSTAK 0.5mm PITCH BTB RECEPTACLE | | |
| | | angles | linear | mm | dwg no | |
| | | $0^\circ \pm 2'$ | $.0 \pm .2$ | scale 1:1 | sheet 2 of 3 | |
| | | dr | Y-Y Bao | 2022/11/29 | size | |
| | | engr | Y-Y Bao | 2022/11/29 | A3 | |
| | | chr | Li-Qing Lei | 2022/11/29 | 10132798 | |
| | | appd | Tim Yao | 2022/11/29 | type Product Customer Drawing | |
| sheet index | revision | F | | | | |
| | sheet | 2/3 | | | | |



| pin.No. | A | B | C | D | E |
|---------|-------|-------|-------|-------|-------|
| 10 | 4.60 | 2.00 | 4.60 | 4.10 | 5.50 |
| 20 | 7.10 | 4.50 | 7.10 | 6.60 | 8.00 |
| 30 | 9.60 | 7.00 | 9.60 | 9.10 | 10.50 |
| 40 | 12.10 | 9.50 | 12.10 | 11.60 | 13.00 |
| 50 | 14.60 | 12.00 | 14.60 | 14.10 | 15.50 |
| 60 | 17.10 | 14.50 | 17.10 | 16.60 | 18.00 |

RECEPTACLE 2

| | | | | | | | | | |
|-------------|--|--------------------|--|----------------------------|--|------------------------|--|-------------------------------------|--|
| mat'l. code | | surface ISO 1302 ✓ | | tolerance ISO 406 ISO 1101 | | projection | | product family Bergstak | |
| ltr | | ecn no | | dr | | date | | title | |
| F | | | | | | | | BERGSTAK 0.5mm PITCH BTB RECEPTACLE | |
| | | | | angles linear | | .0±.2 | | mm | |
| | | | | 0'±2' | | .00±.15 | | scale 1:1 | |
| | | | | dr | | Y-Y Bao 2022/11/29 | | dwg no | |
| | | | | engr | | Y-Y Bao 2022/11/29 | | sheet 3 of 3 | |
| | | | | chr | | Li-Qing Lei 2022/11/29 | | 10132798 | |
| | | | | appd | | Tim Yao 2022/11/29 | | size A3 | |
| sheet index | | revision sheet | | F 3/3 | | | | type Product Customer Drawing | |

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