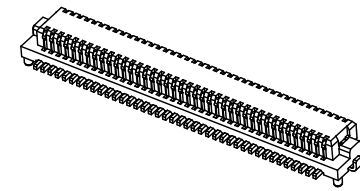
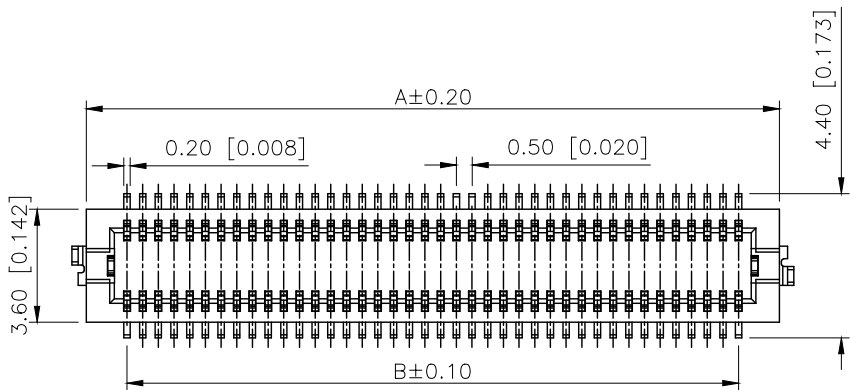
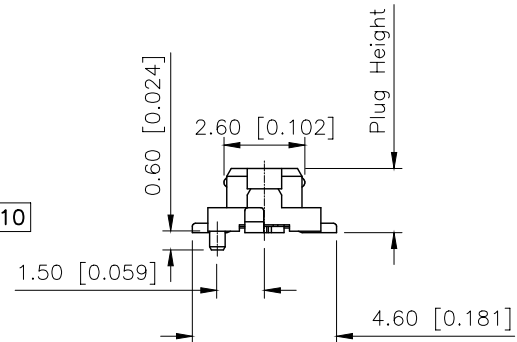
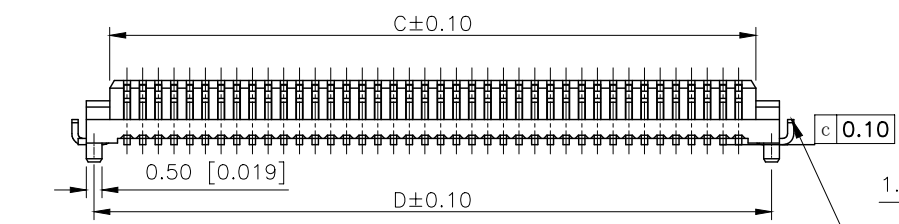


| REVISIONS |         |          |                 |           |        |
|-----------|---------|----------|-----------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /         | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.2.14 | 阿树     |



Specifications:  
规格:  
Voltage rating:100V AC/DC  
额定电压: 100V AC/DC  
Current rating:0.3A AC/DC  
额定电流: 0.3A AC/DC  
Withstanding voltage:150V AC/minute  
耐受电压: 150V AC/分钟  
Temperature range:-40℃--+125℃  
温度范围: -40℃--+125℃  
Insulation resistance:100MΩ min  
绝缘电阻: 100MΩ Min  
Contact resistance:50mΩ Max  
接触电阻: 50mΩ Max



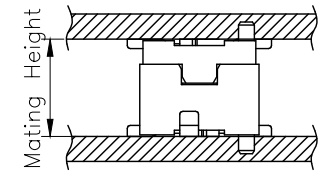
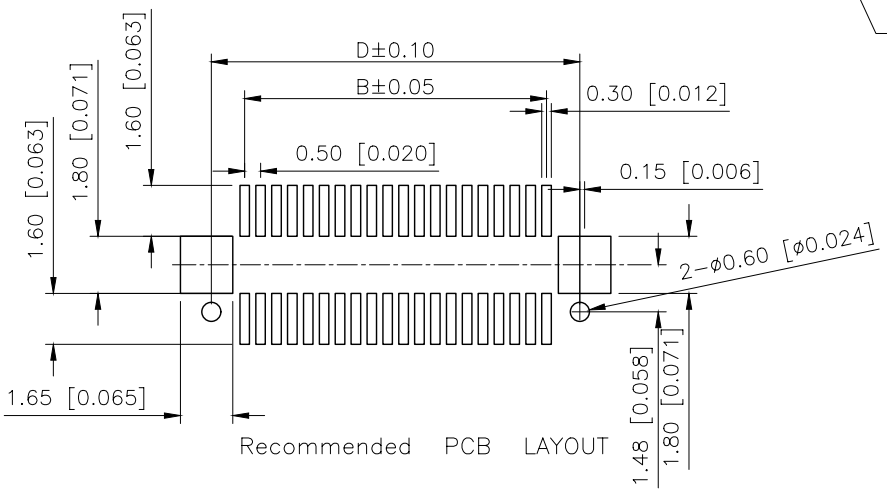
PART NO.:

X0502 W V S-24 C S-LP SN  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ①Series No
- ②Category:W-Wafer
- ③Welding Board Angle:V-Stright 180°
- ④Welding Way: S-SMT
- ⑤Row No.Pin No:XX-10~80P
- ⑥Height:A:3.0mm; B:3.4mm; C:4.0mm;
- ⑦Special No:S-With positioning column
- ⑧Material:LP-LCP UL94V-0
- ⑨Plating:SN-Tin Plated;  
V01-Gold Flash

Mating Height 4.0mm  
There are no side  
two ground tags

| Mating Height | PLUG | SOCKET |
|---------------|------|--------|
| 3.0           | 2.1  | 2.2    |
| 3.4           | 2.2  | 2.3    |
| 4.0           | 2.2  | 2.9    |
| 5.0           | 2.7  | 4.3    |



| Poles | Dimensions(mm) |      |      |      | Poles | Dimensions(mm) |       |       |       |
|-------|----------------|------|------|------|-------|----------------|-------|-------|-------|
|       | A              | B    | C    | D    |       | A              | B     | C     | D     |
| 10    | 4.60           | 2.00 | 3.10 | 4.10 | 32    | 10.10          | 7.50  | 8.60  | 9.60  |
| 12    | 5.10           | 2.50 | 3.60 | 4.60 | 36    | 11.10          | 8.50  | 9.60  | 10.60 |
| 14    | 5.60           | 3.00 | 4.10 | 5.10 | 40    | 12.10          | 9.50  | 10.60 | 11.60 |
| 20    | 7.10           | 4.50 | 5.60 | 6.60 | 50    | 14.60          | 12.00 | 13.10 | 14.10 |
| 22    | 7.60           | 5.00 | 6.10 | 7.10 | 60    | 17.10          | 14.50 | 15.60 | 16.60 |
| 24    | 8.10           | 5.50 | 6.60 | 7.60 | 80    | 22.10          | 19.50 | 20.60 | 21.60 |
| 30    | 9.60           | 7.00 | 8.10 | 9.10 |       |                |       |       |       |

|                    |          |               |                     |
|--------------------|----------|---------------|---------------------|
| X0502WVS-24CS-LPSN | LCP      | Copper Alloy  | X0502F              |
| PART NO            | Material | Material(Pin) | Suitable XKB Female |

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



|          |    |       |       |                                    |
|----------|----|-------|-------|------------------------------------|
| DESIGN   | 阿树 | VIEW: |       | MODEL TYPE:<br>0.5mm BTB Connector |
| CHECKED  |    | UNIT: | mm/in | PART NO.:<br>X0502WVS-24CS-LPSN    |
| APPROVED |    | SIZE: | A4    | DWG NO.:<br>X-X0502WVS-24CS-LPSN   |