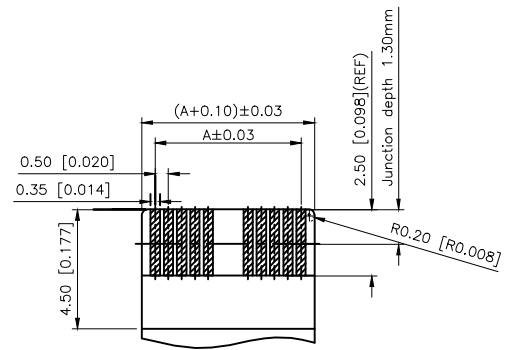
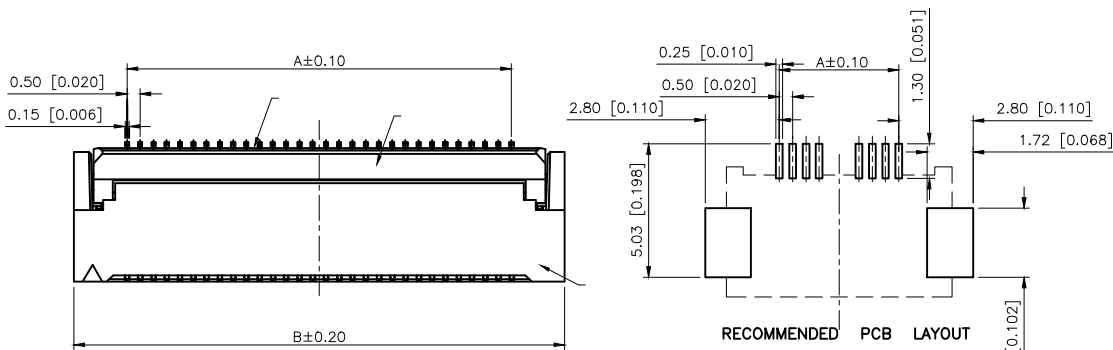
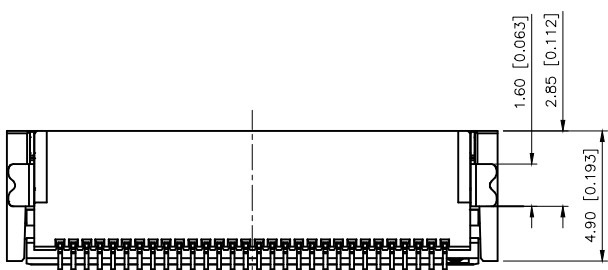
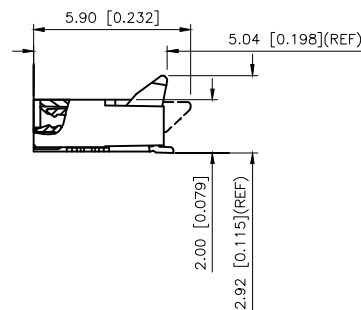
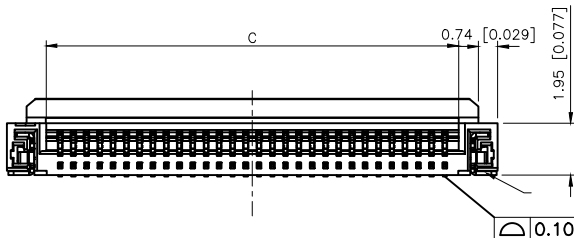


| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          |                 | 2025.05.12 |        |

| NO POSITIONS | DIM A | DIM B | DIM C |
|--------------|-------|-------|-------|
| 4            | 1.50  | 5.50  | 2.55  |
| 5            | 2.00  | 6.00  | 3.05  |
| 6            | 2.50  | 6.50  | 3.55  |
| 8            | 3.50  | 7.50  | 4.55  |
| 9            | 4.00  | 8.00  | 5.05  |
| 10           | 4.50  | 8.50  | 5.55  |
| 12           | 5.50  | 9.50  | 6.55  |
| 13           | 6.00  | 10.00 | 7.05  |
| 14           | 6.50  | 10.50 | 7.55  |
| 15           | 7.00  | 11.00 | 8.05  |
| 16           | 7.50  | 11.50 | 8.55  |
| 17           | 8.00  | 12.00 | 9.05  |
| 18           | 8.50  | 12.50 | 9.55  |
| 20           | 9.50  | 13.50 | 10.55 |
| 22           | 10.50 | 14.50 | 11.55 |
| 24           | 11.50 | 15.50 | 12.55 |
| 25           | 12.00 | 16.00 | 13.05 |
| 26           | 12.50 | 16.50 | 13.55 |
| 28           | 13.50 | 17.50 | 14.55 |
| 30           | 14.50 | 18.50 | 15.55 |
| 32           | 15.50 | 19.50 | 16.55 |
| 34           | 16.50 | 20.50 | 17.55 |
| 36           | 17.50 | 21.50 | 18.55 |
| 40           | 19.50 | 23.50 | 20.55 |
| 45           | 22.00 | 26.00 | 23.05 |
| 50           | 24.50 | 28.50 | 25.55 |
| 54           | 26.50 | 30.50 | 27.55 |
| 60           | 29.50 | 33.50 | 30.55 |



APPLICABLE FPC/FFC  
T=0.30±0.03



1.FPC NOT MATING CONDITION BANNED CLOSURE  
2.PART NO. LEGEND:  
PART NO.:

X05A20 H 18 G

Series Name:  
X05A20=0.5 mm Pitch(H=2.0mm)  
Assembly style:  
L:Low Contact SMT Type; U:Upper Contact SMT Type;  
D:Double-Face Contact SMT Type;  
H:Back-flip Double-Face Contact SMT Type  
Number of terminals :XX=04-60PIN  
Plating:G:Gold Flash Over Nickel;T:Tin Over Nickel

3.PERFORMANCE:  
3.1: CURRENT RATING:0.5A/PIN  
3.2: VOLTAGE RATING:50V(AC/DC)  
3.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max.  
3.4:INSULATION RESISTANCE:500MOHM Min.  
3.5:DIELECTRIC WITHSTANDING VOLTAGE:250V AC FOR 1MINUTE  
3.6:DURABILTY: 20 TIMES Min  
3.7:OPERATING TEMPERATURE:-40 ~+85  
OPERATING HUMIDITY RANGE:20% TO 85%

|    |            |                 |                     |           |
|----|------------|-----------------|---------------------|-----------|
| 4  | STATOR     | BRASS           | T=0.15mm PLATING    | 2 PCS     |
| 3  | TERMINAL   | PHOSPHOR BRONZE | T=0.15mm PLATING    | POSITIONS |
| 2  | COVER      | PA              | BLACK UL94V-0       | 1 PCS     |
| 1  | HOUSING    | LCP             | NATURAL UL94V-0     | 1 PCS     |
| NO | COMPONENTS | MATERIALS       | COLOR/SPECIFICATION | QUANTITY  |

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



|          |             |                           |
|----------|-------------|---------------------------|
| DESIGN   | VIEW:       | MODEL TYPE: FPC CONNECTOR |
| CHECKED  | UNIT: mm/in | PART NO.: X05A20H18G      |
| APPROVED | SIZE: A4    | DWG NO.:                  |