

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.05.20 | 阿树     |

Electrical Characteristics:  
Current rating:0.4A AC/DC  
Voltage rating:50V AC/DC  
Temperature range:-25℃~+85℃  
Withstand Voltage: 500V AC/Minute  
Contact Resistance:≤ 20mΩ  
Insulation resistance: ≥ 500MΩ  
Relative Humidity:93%+40℃

Material Description:  
Terminal: Phosphor Bronze Tid-Plated  
Fitting Nail: Phosphor Bronze Tin-plated  
Housing:Thermoplastic(UL94V-0)  
Slider: Thermoplastic(UL94V-0)

PART NO.:

X05A20 L 08 T  
① ② ③ ④

- ①Series Name:X05A20=0.50mm Pitch(H:2.00mm)  
②Assembly 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  
③Number of terminals :XX=06-60PIN  
④Plating : G:Gold Flash Over Nickel T:Tin Over Nickel

| NO.OF CKF | DIM.A | DIM.B | DIM.C | DIM.D | NO.OF CKF | DIM.A | DIM.B | DIM.C | DIM.D |
|-----------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|
| 6         | 7.40  | 4.50  | 2.50  | 3.60  | 34        | 21.40 | 18.50 | 16.50 | 17.60 |
| 7         | 7.90  | 5.00  | 3.00  | 4.10  | 35        | 21.90 | 19.00 | 17.00 | 18.10 |
| 8         | 8.40  | 5.50  | 3.50  | 4.60  | 36        | 22.40 | 19.50 | 17.50 | 18.60 |
| 9         | 8.90  | 6.00  | 4.00  | 5.10  | 37        | 22.90 | 20.00 | 18.00 | 19.10 |
| 10        | 9.40  | 6.50  | 4.50  | 5.60  | 38        | 23.40 | 20.50 | 18.50 | 19.60 |
| 11        | 9.90  | 7.00  | 5.00  | 6.10  | 39        | 23.90 | 21.00 | 19.00 | 20.10 |
| 12        | 10.40 | 7.50  | 5.50  | 6.60  | 40        | 24.40 | 21.50 | 19.50 | 20.60 |
| 13        | 10.90 | 8.00  | 6.00  | 7.10  | 41        | 24.90 | 22.00 | 20.00 | 21.10 |
| 14        | 11.40 | 8.50  | 6.50  | 7.60  | 42        | 25.40 | 22.50 | 20.50 | 21.60 |
| 15        | 11.90 | 9.00  | 7.00  | 8.10  | 43        | 25.90 | 23.00 | 21.00 | 22.10 |
| 16        | 12.40 | 9.50  | 7.50  | 8.60  | 44        | 26.40 | 23.50 | 21.50 | 22.60 |
| 17        | 12.90 | 10.00 | 8.00  | 9.10  | 45        | 26.90 | 24.00 | 22.00 | 23.10 |
| 18        | 13.40 | 10.50 | 8.50  | 9.60  | 46        | 27.40 | 24.50 | 22.50 | 23.60 |
| 19        | 13.90 | 11.00 | 9.00  | 10.10 | 47        | 27.90 | 25.00 | 23.00 | 24.10 |
| 20        | 14.40 | 11.50 | 9.50  | 10.60 | 48        | 28.40 | 25.50 | 23.50 | 24.60 |
| 21        | 14.90 | 12.00 | 10.00 | 11.10 | 49        | 28.90 | 26.00 | 24.00 | 25.10 |
| 22        | 15.40 | 12.50 | 10.50 | 11.60 | 50        | 29.40 | 26.50 | 24.50 | 25.60 |
| 23        | 15.90 | 13.00 | 11.00 | 12.10 | 51        | 29.90 | 27.00 | 25.00 | 26.10 |
| 24        | 16.40 | 13.50 | 11.50 | 12.60 | 52        | 30.40 | 27.50 | 25.50 | 26.60 |
| 25        | 16.90 | 14.00 | 12.00 | 13.10 | 53        | 30.90 | 28.00 | 26.00 | 27.10 |
| 26        | 17.40 | 14.50 | 12.50 | 13.60 | 54        | 31.40 | 28.50 | 26.50 | 27.60 |
| 27        | 17.90 | 15.00 | 13.00 | 14.10 | 55        | 31.90 | 29.00 | 27.00 | 28.10 |
| 28        | 18.40 | 15.50 | 13.50 | 14.60 | 56        | 32.40 | 29.50 | 27.50 | 28.60 |
| 29        | 18.90 | 16.00 | 14.00 | 15.10 | 57        | 32.90 | 30.00 | 28.00 | 29.10 |
| 30        | 19.40 | 16.50 | 14.50 | 15.60 | 58        | 33.40 | 30.50 | 28.50 | 29.60 |
| 31        | 19.90 | 17.00 | 15.00 | 16.10 | 59        | 33.90 | 31.00 | 29.00 | 30.10 |
| 32        | 20.40 | 17.50 | 15.50 | 16.60 | 60        | 34.40 | 31.50 | 29.50 | 30.60 |
| 33        | 20.90 | 18.00 | 16.00 | 17.10 |           |       |       |       |       |

|                        |       |
|------------------------|-------|
| 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:   |
| CHECKED  |    | UNIT: mm/in | FPC CONNECTOR |
| APPROVED |    | SIZE: A4    | PART NO.:     |
|          |    |             | X05A20L08T    |
|          |    |             | DWG NO.:      |
|          |    |             | X05A20L08T    |
|          |    | SCALE       | PAGE          |
|          |    | N/A         | 1/1           |
|          |    |             | REVISION      |
|          |    |             | A1            |