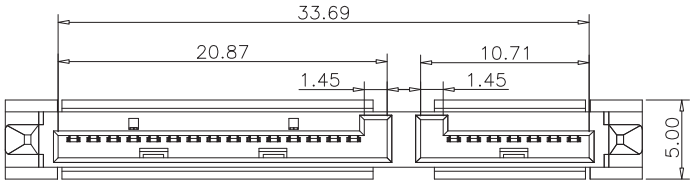
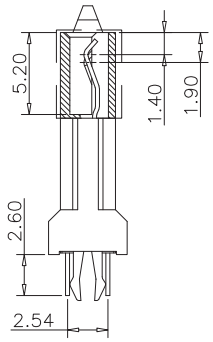
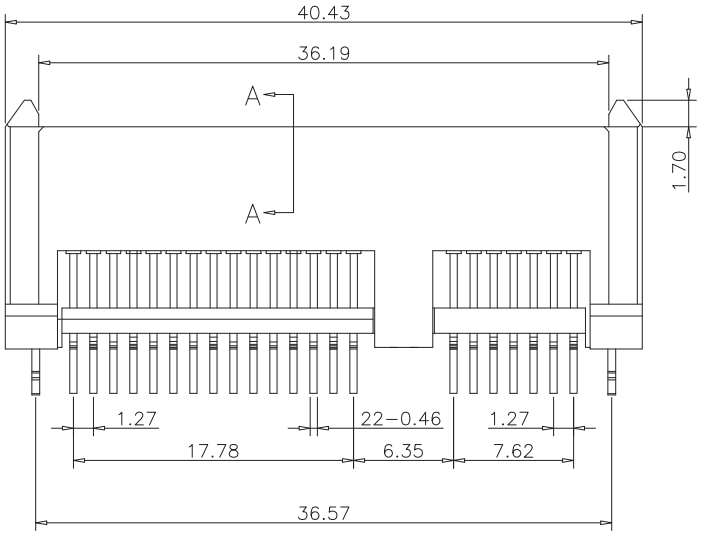
Rohs Compliant

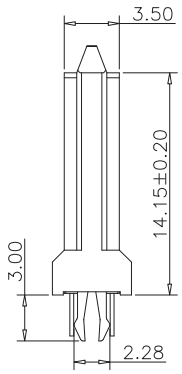
| REV. | DESCRIPTION | DATE | CHANGER |
|---|---|---|---|
| A/0 | INITIAL RELEASE | 2020-01-05 | Maoxing |
| | | | |
| | | | |

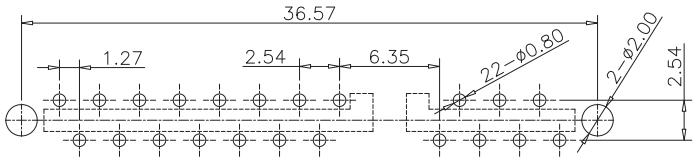



SECTION A-A




RECOMMENDED PCB LAYOUT
PCB TOLERANCE:±0.05

NOTES:
1: Material
 1.1 Housing: LCP, UL 94V-0; Color: Black.
 1.2 Contact: Phosphor Bronze T=0.25mm;
 1.3 Plating: Gold(3u") plating on contact area,Tin(80u") plating on solder tail,Nickel(40u") underplating overall
 1.4 Harpoon: Brass T=0.50mm;
 1.5 Plating: Tin plating(80u") over Nickel(40u").
2: Mechanical
 2.1 Insertion Force: 45N max.
 2.2 Withdrawal Force: 4N min.
 2.3 Durability: 500 cycles
3: Electrical Specification
 3.1 Current Rating: 1.5 Ampere per contact
 3.2 Contact Resistance: 30 mΩ max.
 3.3 Insulation Resistance: 1000 MΩ min.
 3.4 Dielectric Withstanding Voltage: 500 VAC
4: Environmental
 4.1Operating Temperature: -40°C to +85°C

# Wellco T&C Co., Ltd.

| | | | | | | |
|---|---|---|---|---|---|---|
| LINEAR | X.X | ±0.38 | PART NAME: SATA 7+15P Female H14.15mm Vertical Type Dual Row DIP | | | |
| | X.XX | ±0.25 | | | | |
| | X.XXX | ±0.12 | | | | |
| ANGULAR | X° | ±3° | PART NO: | SF14-220T1ST6202 | DRAWED | Maoxing |
| | X.X° | ±1° | DRAW NO: | DN-SF14-012 | CHECKED | Saint |
| PROJECT | | UNIT:mm | SIZE: A4 | SCALE:1:1 | SHEET: 01 OF 01 | APPROVED Alun |