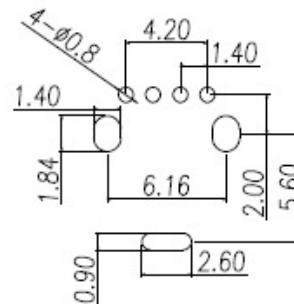
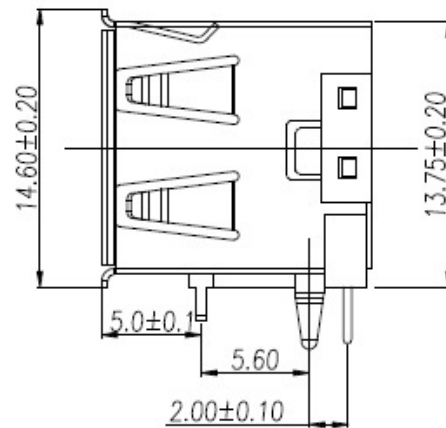
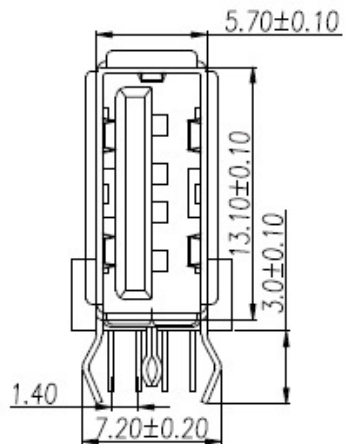
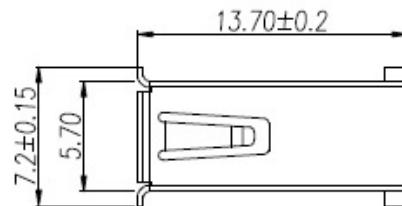


ROHS COMPLIANT



RECOMMENDED P.C.B HOLE LAYOUT

### 1.ELECTRICAL CHARACTERISTICS:

- 1-1.RATING: DC 30V 1.5A
- 1-2.CONTACT RESISTANCE:  $\leq 30\text{m}\Omega$
- 1-3.INSULATION RESISTANCE:  $\geq 1000\text{M}\Omega$  DC 500V
- 1-4.WITHSTANDING VOLTAGE: AC 500V 1min
- 1-5.LIFE: 5,000 CYCLES

### 2.MECHANICAL CHARACTERISTICS:

- 2-1.INSERTION FORCE: 35N Max
- EXTRACTION FORCE: 10N Min

### 3.Finish:

#### 3-1.TERMINAL:

GOLD  $<1\mu\text{m}>$  PLATING ON CONTACT AREA  
 TIN  $<2-5\mu\text{m}>$  PLATING ON OTHER AREA  
 NICKEL  $<1-3\mu\text{m}>$  UNDERPLATING OVERALL

#### 3-2.SHELL:

NICKEL  $<1-3\mu\text{m}>$  PLATING

PART NUMBER: USB-AF-20-037

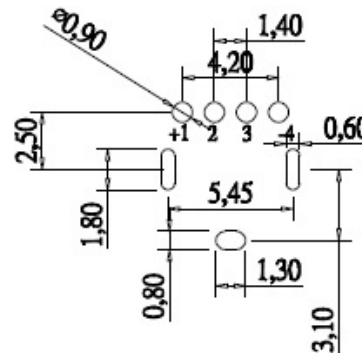
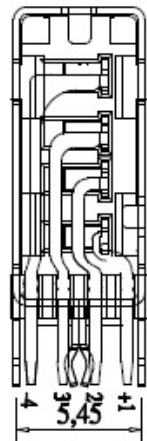
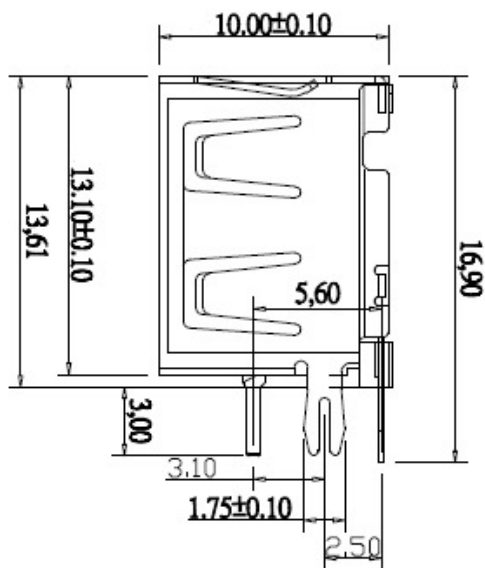
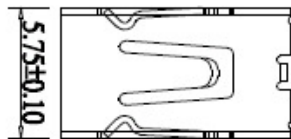
DESCRIPTION: USB A 2.0 UPRIGHT VERTICAL  
 13.7MM WITH EDGE CURL

DIMENSION TOLERANCE  $\pm 0.2\text{mm}$

**P PRAN ELECTRONICS PVT. LTD.**  
**INDIA.**

REV. 0 DATE 28/04/2020

ROHS COMPLIANT



RECOMMENDED P.C.B HOLE LAYOUT

### 1.ELECTRICAL CHARACTERISTICS:

- 1-1.RATING: DC 30V 1.5A
- 1-2.CONTACT RESISTANCE:  $\leq 30\text{m}\Omega$
- 1-3.INSULATION RESISTANCE:  $\geq 1000\text{M}\Omega$  DC 500V
- 1-4.WITHSTANDING VOLTAGE: AC 500V 1min
- 1-5.LIFE: 5,000 CYCLES

### 2.MECHANICAL CHARACTERISTICS:

- 2-1.INSERTION FORCE: 35N Max
- EXTRACTION FORCE: 10N Min

### 3.Finish:

#### 3-1.TERMINAL:

GOLD  $<1\mu\text{m}>$  PLATING ON CONTACT AREA  
 TIN  $<2-5\mu\text{m}>$  PLATING ON OTHER AREA  
 NICKEL  $<1-3\mu\text{m}>$  UNDERPLATING OVERALL

#### 3-2.SHELL:

NICKEL  $<1-3\mu\text{m}>$  PLATING

PART NUMBER: USB-AF-20 -039

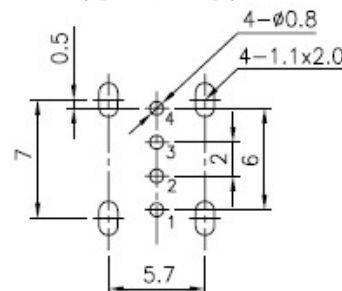
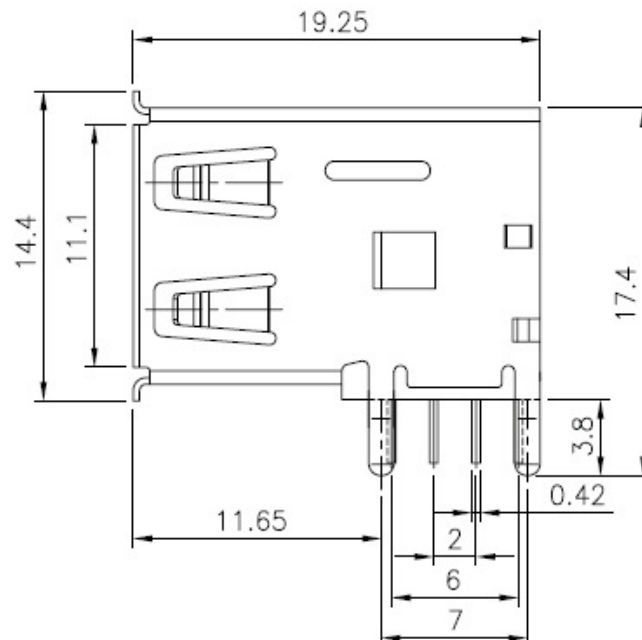
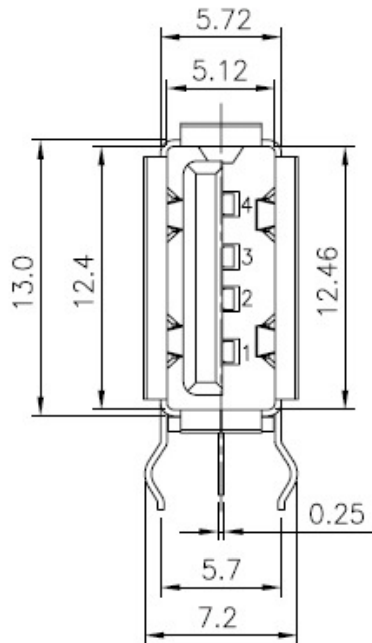
DESCRIPTION: USB A 2.0 UPRIGHT VERTICAL  
 10MM WITH EDGE CURL

DIMENSION TOLERANCE  $\pm 0.2\text{mm}$

REV. 0 DATE 28/04/2020

**PRAN ELECTRONICS PVT. LTD.**  
**INDIA.**

ROHS COMPLIANT



RECOMMENDED P.C.B HOLE LAYOUT

### 1.ELECTRICAL CHARACTERISTICS:

- 1-1.RATING: DC 30V 1.5A
- 1-2.CONTACT RESISTANCE:  $\leq 30\text{m}\Omega$
- 1-3.INSULATION RESISTANCE:  $\geq 1000\text{M}\Omega$  DC 500V
- 1-4.WITHSTANDING VOLTAGE: AC 500V 1min
- 1-5.LIFE: 5,000 CYCLES

### 2.MECHANICAL CHARACTERISTICS:

- 2-1.INSERTION FORCE: 35N Max
- EXTRACTION FORCE: 10N Min

### 3.Finish:

#### 3-1.TERMINAL:

GOLD  $< 1\mu\text{m}$  PLATING ON CONTACT AREA  
TIN  $< 2-5\mu\text{m}$  PLATING ON OTHER AREA  
NICKEL  $< 1-3\mu\text{m}$  UNDERPLATING OVERALL

#### 3-2.SHELL:

NICKEL  $< 1-3\mu\text{m}$  PLATING

PART NUMBER: USB-AF-20 -041

DESCRIPTION: USB A 2.0 UPRIGHT VERTICAL  
19.25MM WITH EDGE CURL

DIMENSION TOLERANCE  $\pm 0.2\text{mm}$

**P PRAN ELECTRONICS PVT. LTD.**  
**INDIA.**