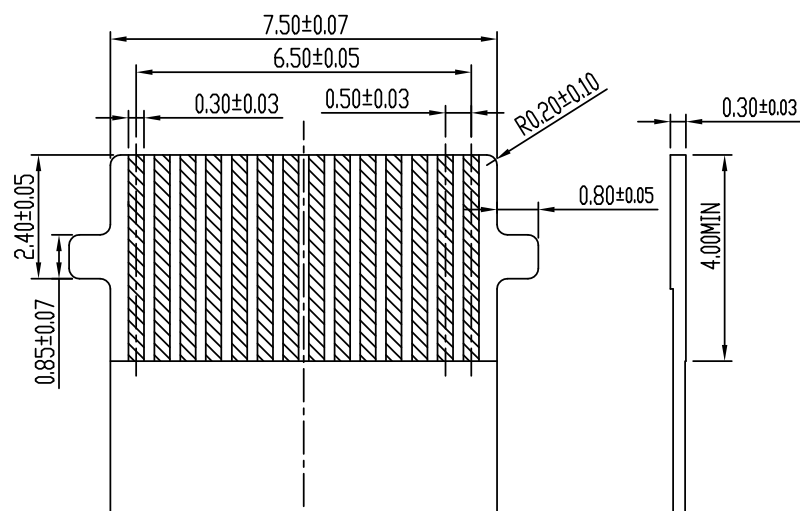
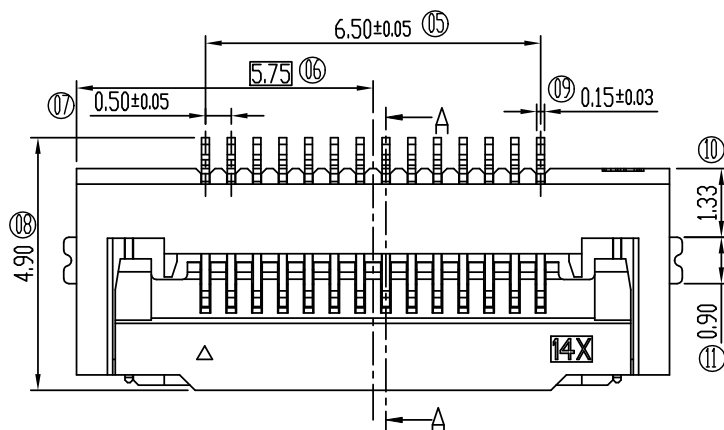
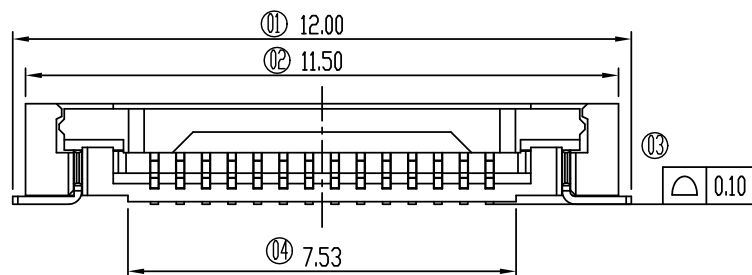
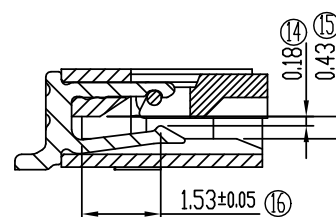
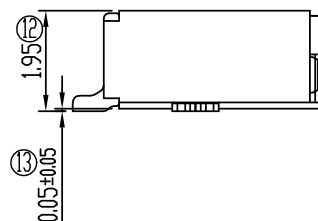
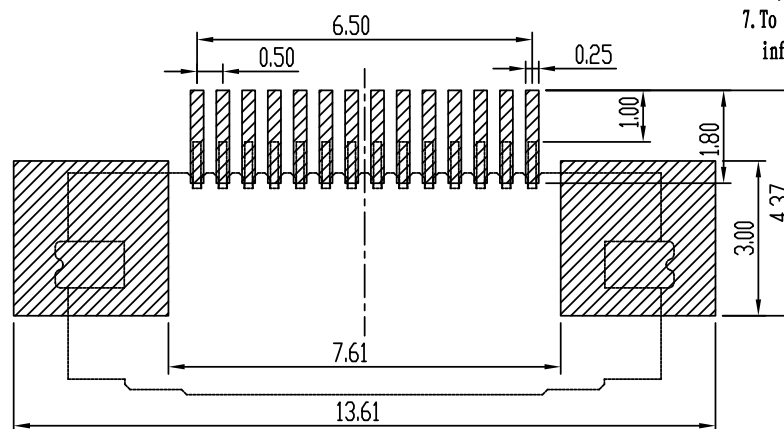




RECOMMENDED FPC



SECTION A-A



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW) TOLERANCE: ±0.05

Performance characteristics:

1. Main body part material

Insulator: high temperature thermoplastic, UL94V-0 Black,
Contact terminal: Copper Alloy, 1.27μm Ni under
plated, outer plating Au 0.05um

Fixing Tab: Brass; plated Sn

2. Electrical requirements:

Voltage: 50V/AC

Current rating: 0.4 A

Contact resistance: <100 mΩ

Insulation resistance: >500 MΩ

Withstanding voltage: 150 Vr.m.s, 1mA, 60s

3. Mechanical requirements

FPC retention force: 20N Min

Contact retention force: 0.2N Min

Mechanical life: 20 cycles

4. Environment specification

Working temperature: -45℃ ~ +85℃

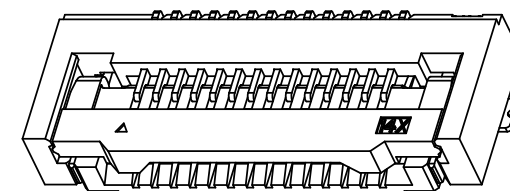
5. Packing & storing

Method of packing: REEL, outer box

Storing condition: temperature of -10℃ ~ +50℃
below 80% relative humidity

6. Style of installation: SMT solder PCB installation

7. To prevent the pollution of the environment product
info: In line with the european union RoHS



Unless otherwise specified tolerance:

X.	±0.50	X.°	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

Mark	NO.	File NO.	Signature	Date
DRAW		Frank	2020.10.27	
CHK		Lawrence	2021.02.02	
MAN				
STD		Juanli lai	2021.02.04	
APP		Alan	2021.02.04	

0.5mm PITCH FPC CONNECTOR
DOWN SIDE CONTACT TYPE

1627-142-3H-N

SL0.1627.001

Projection	Rev.	Weight	Scale
⊕	S0		

All Dimensions in mm Sheet 1 of 1

SHINNING SHENZHEN SHINNING ELECTRONIC CO., LTD.