

Performance characteristics:

1.Main body part material

Insulator: LCP black UL94V-0

Contact terminal: Phosphor bronze, Ni 1.27 μ m under plated, contact area plated Au 0.76 μ m, tail plated Sn

2.Electrical requirements:

Current rating: 3 A(14 Pairs Pin Parallel connection)

Contact resistance: ≤ 20 m Ω

Insulation resistance: ≥ 1000 M Ω

Withstanding voltage: 500 Vr.m.s, 1mA, 60s

3.Mechanical requirements

Mating force: ≤ 160 N

Unmating force: ≥ 24 N

Insertion force: ≤ 2 N/pin

Extraction force: ≥ 0.3 N/pin

Retention force: ≥ 3 N/pin

4.Environment specification

Working temperature: -40 $^{\circ}$ C ~ +105 $^{\circ}$ C

Humidity: $\leq 93\%$ at 40 $^{\circ}$ C

Resistance to soldering heat: 260 $^{\circ}$ C, 30s(SMT)

5.Packing & storing

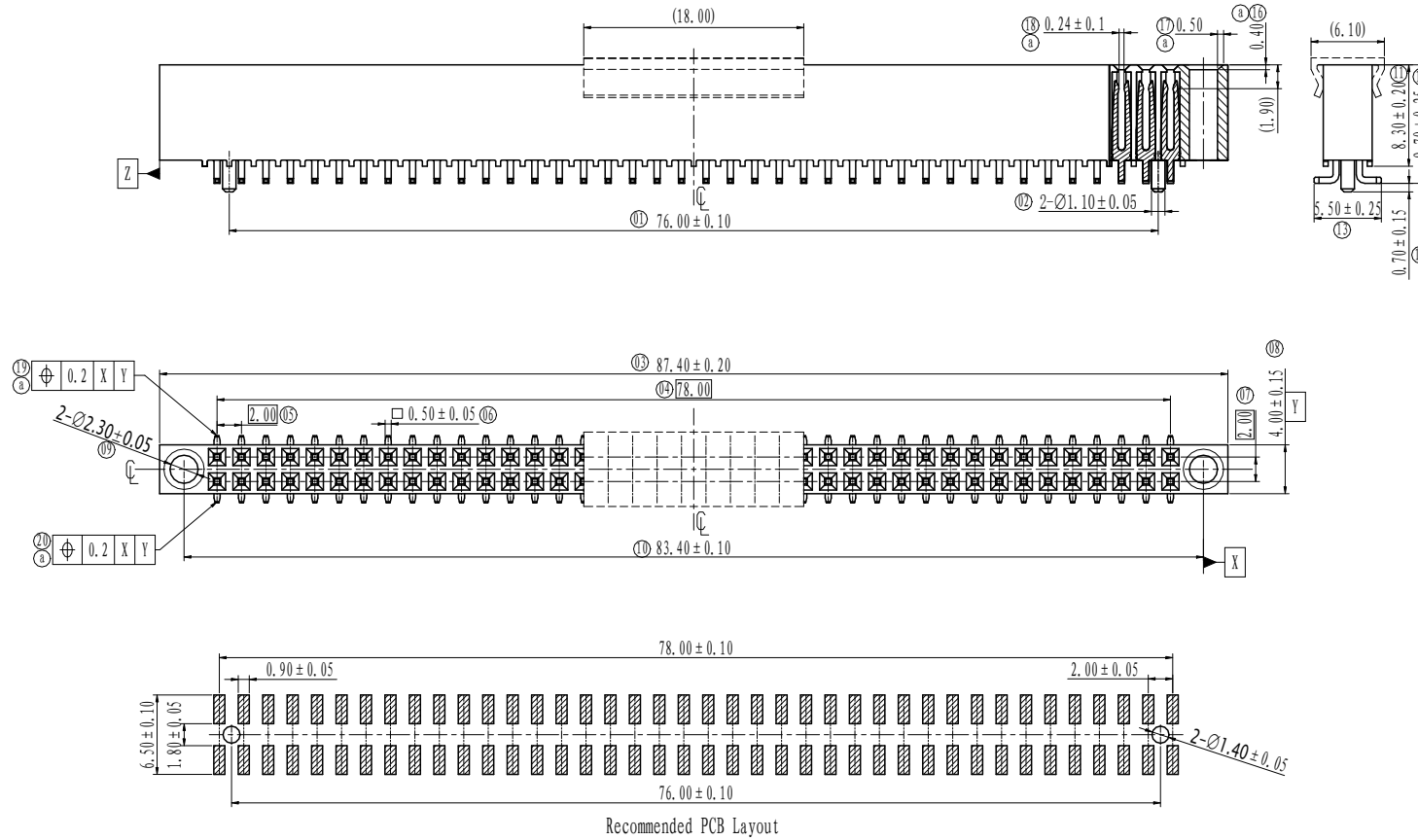
Method of packing: tape&reel, outer box

Storing condition: temperature of -10 $^{\circ}$ C ~ +40 $^{\circ}$ C
below 80% relative humidity

6.Style of installation: SMT

7.To prevent the pollution of the environment product info

RoHS agreement: In line with the European Union RoHS.



Unless otherwise specified tolerance:

X.	± 0.50	X.°	$\pm 3^{\circ}$
.X	± 0.38	.X°	$\pm 2^{\circ}$
.XX	± 0.25		

②	5	600751	An.Cheng	2023.06.26
Mark	NO.	File NO.	Signature	Date
DRAW	ZhaoLin 2022.05.10			
CHK				
MAN				
STD				
APP				

2.00mm pitch double row
socket SMT 2x40Pin

1297-404-F8-3

SL0.1297.005

Projection	Rev.	Weight	Scale
	A1		
All Dimensions in mm		Sheet 1 of 1	
 SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.			