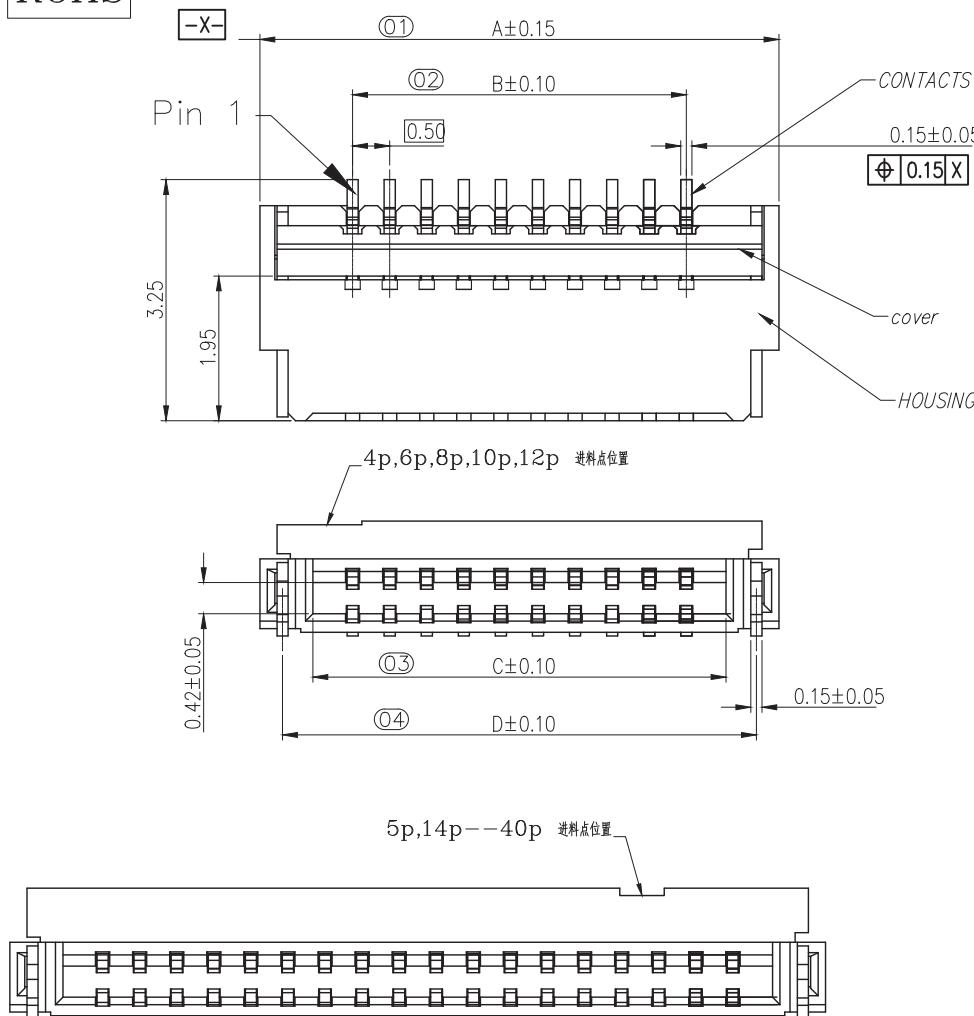


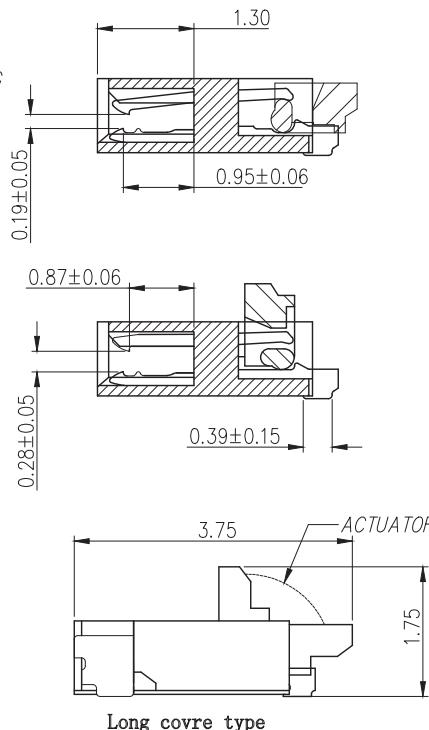
RoHS



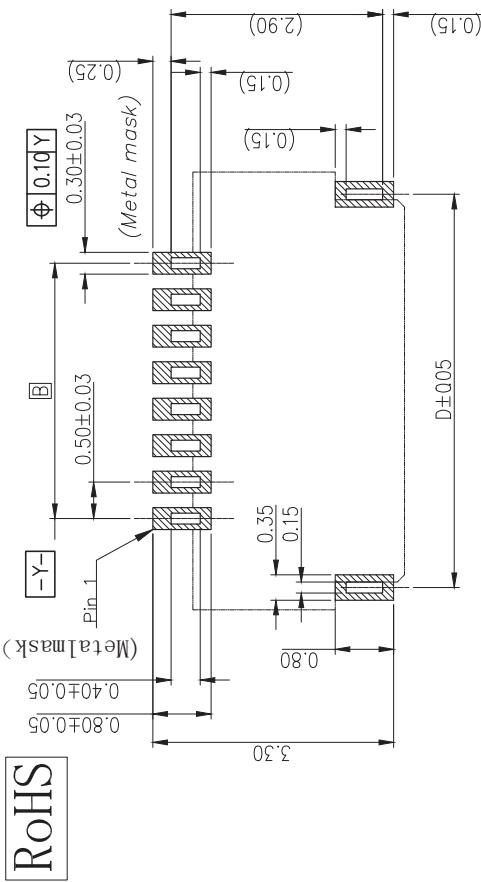
NOTE:

1. MATERIAL:  
 HOUSING: LCP (UL94-V0), COLOR: NATURAL.  
 CONTACTS: COPPER ALLOY.Au0,025 um MIN. Ni 1,0 um MIN  
 PEG: COPPER ALLOY.Sn 2,0 um MIN.Ni 1,0 um MIN  
 ACTUATOR: LCP OR PA (UL94-V0). COLOR: BLACK

2. RATING:  
 OPERATING VOLTAGE: 50Vrms AC.  
 CURRENT RATING: 0.5A.  
 OPERATING TEMPERATURE: -55°C~+85°C.  
 OPERATING HUMIDITY RANGE: RELATIVE HUMIDITY 90% MAX.(NO CONDENSATION)  
 STORAGE TEMPERATURE RANGE: -10°C~+50°C.  
 STORAGE HUMIDITY RANGE: RELATIVE HUMIDITY 90% MAX.(NO CONDENSATION)

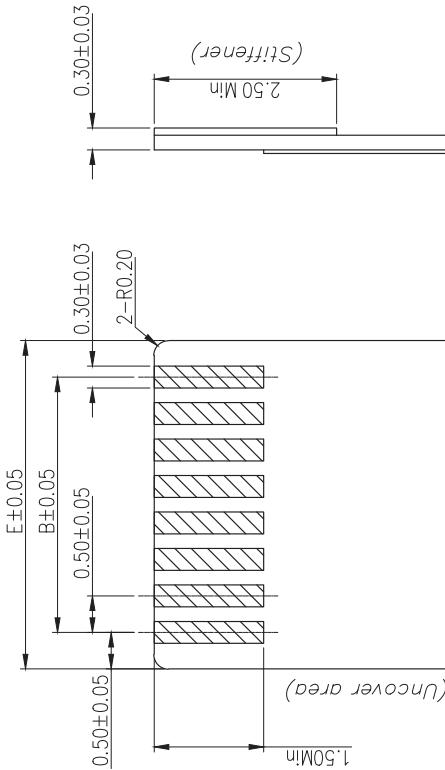


TOLERANCE UNLESS OTHERWISE SPEC		SHENZHEN FUGANG TECHNOLOGY CO.,LTD								
BASIC DIMENSION	TOLERANCE	DS	ND	S	L	26.01.20	TITLE: FPC SOCKET			
x.x	±0.30	CH	KD	L	P	J	26.01.20	PART NO: FG-FPC0509-NRL-TAG		
x.xx	±0.20	A	P	V	D	L	Z	W	26.01.20	
x.xxx	±0.10									
ANGLES	±3°					UNIT: mm		SCALE: 1:1	SIZE: A4	SHEET: 1/1



Recommended PCB mounting pattern and metal mask dimensions  
Recommended metal mask thickness:  $t=0.1$

Number of Contacts	DIM A	DIM B	DIM C	DIM D	DIM E
50	27.00	24.50	25.37	26.39	25.50
45	24.50	22.00	23.07	23.89	23.00
40	22.00	19.50	20.57	21.39	20.50
36	20.00	17.50	18.57	19.39	18.50
34	19.00	16.50	17.57	18.39	17.50
32	18.00	15.50	16.57	17.39	16.50
30	17.00	14.50	15.57	16.39	15.50
28	16.00	13.50	14.57	15.39	14.50
26	15.00	12.50	13.57	14.39	13.50
24	14.00	11.50	12.57	13.39	12.50
22	13.00	10.50	11.57	12.39	11.50
20	12.00	9.50	10.57	11.39	10.50
18	11.00	8.50	9.57	10.39	9.50
16	10.00	7.50	8.57	9.39	8.50
15	9.50	7.00	8.07	8.89	8.00
14	9.00	6.50	7.57	8.39	7.50
13	8.50	6.00	7.07	7.89	7.00
12	8.00	5.50	6.57	7.39	6.50
11	7.50	5.00	6.07	6.89	6.00
10	7.00	4.50	5.57	6.39	5.50
9	6.5	4.00	5.07	5.89	5.00
8	6.00	3.50	4.57	5.39	4.50
7	5.5	3.00	4.07	4.89	4.00
6	5.00	2.50	3.57	4.39	3.50
5	4.5	2.00	3.07	3.89	3.00
4	4.00	1.50	2.57	3.39	2.50



Recommended FPC/FFC Dimensions

TOLERANCE UNLESS OTHERWISE SPEC		SHENZHEN FUGANG TECHNOLOGY CO., LTD	
BASIC DIMENSION	TOLERANCE	DSND	S L
x.x	±0.30	CHKDL	P J
x.xx	±0.20	APVDL	Z W
x.***	±0.10	ANGLES	UNIT: mm
SCALE: 1:1		SIZE: A4	SHEET: 1 / 1

RoHS

**NOTE:**

- 1.10 Sprocket hole pitch cumulative tolerance  $\pm 0.20$ .
  2. Carrier camber is within 1mm in 100mm.
  3. Material: black conductive polystyrene alloy.
  4. Material Thickness:  $0.3 \pm 0.05$ mm.
  5. All dimensions meet EIA-481-B requirements.
  6. 4.000pc/s Pef Reel.
  7. For tape width(dim W)16 and 24mm pilot holes are provided on one sides.  
For tape width(dim W)32, 44 and 56mm pilot holes are provided on both sides.

