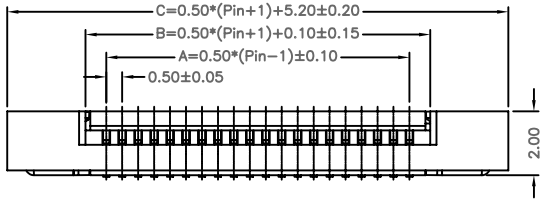
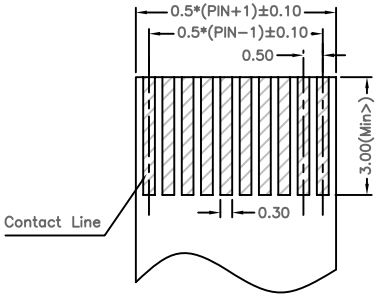
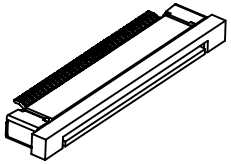


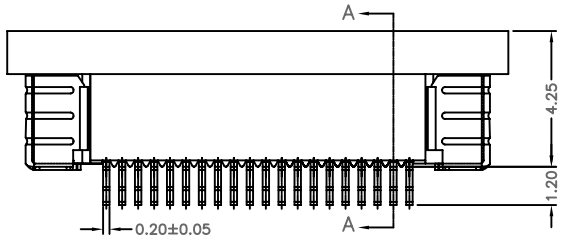


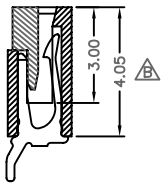
Thickness: 0.30±0.03
FPC Dimension Reference



Specifications:
Current Rating:0.5 A
Voltage Rating:50V DC
Contact Resistance:20m ohm Max
Insulaton Resistance:50M Ohm Min
Withstanding Voltage:500V AC For One Minute
Operating Temperature Range:−25°C~+85°C
Material:
Plastic: High Temp Plastic (LCP UL94V−0)
Plastic Color:White
Contacts:Phosphor Bronze
Plating:Tin Plated

How to Order
FPCRSM05−XX−TC
- TC: Top Contact Type
- No.of Contacts
- R/A SMT Type

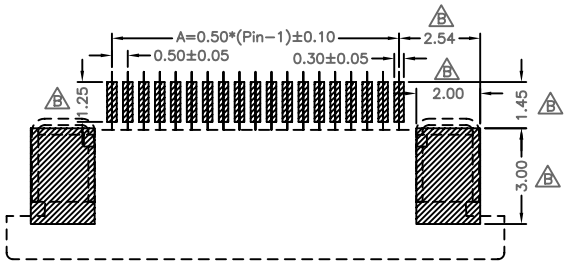




Section:A−A

Contacts Dimension:

PIN NO	A	B	C	PIN NO	A	B	C	PIN NO	A	B	C	PIN NO	A	B	C
4	1.50	2.60	7.70	16	7.50	8.60	13.70	28	13.50	14.60	19.70	40	19.50	20.60	25.70
5	2.00	3.10	8.20	17	8.00	9.10	14.20	29	14.00	15.10	20.20	41	20.00	21.10	26.20
6	2.50	3.60	8.70	18	8.50	9.60	14.70	30	14.50	15.60	20.70	42	20.50	21.60	26.70
7	3.00	4.10	9.20	19	9.00	10.10	15.20	31	15.00	16.10	21.20	43	21.00	22.10	27.20
8	3.50	4.60	9.70	20	9.50	10.60	15.70	32	15.50	16.60	21.70	44	21.50	22.60	27.70
9	4.00	5.10	10.20	21	10.00	11.10	16.20	33	16.00	17.10	22.20	45	22.00	23.10	28.20
10	4.50	5.60	10.70	22	10.50	11.60	16.70	34	16.50	17.60	22.70	46	22.50	23.60	28.70
11	5.00	6.10	11.20	23	11.00	12.10	17.20	35	17.00	18.10	23.20	47	23.00	24.10	29.20
12	5.50	6.60	11.70	24	11.50	12.60	17.70	36	17.50	18.60	23.70	48	23.50	24.60	29.70
13	6.00	7.10	12.20	25	12.00	13.10	18.20	37	18.00	19.10	24.20	49	24.00	25.10	30.20
14	6.50	7.60	12.70	26	12.50	13.60	18.70	38	18.50	19.60	24.70	50	24.50	25.60	30.70
15	7.00	8.10	13.20	27	13.00	14.10	19.20	39	19.00	20.10	25.20				



PCB Layout Reference

RoHS Compliant

REV	DATE	FILE	BY
F			
E			
D			
C			
B			
A	22−May−2015	(H0092)	Ken

DRAWN: Ken
CHECKED: Lily Chou
APPROVAL: Chao Peng

GENERAL TOLERANCE:
.X=±0.20
.XX=±0.15

UNIT: MM
SCALE: 1:1
SHEET: 1 / 1
PROJECTION:

HOYATO Connector supplies

DESCRIPTION: 0.5mm FPC SMT Type Connector

PART NO: FPCRSM05−XX−TC

SIZE: A4