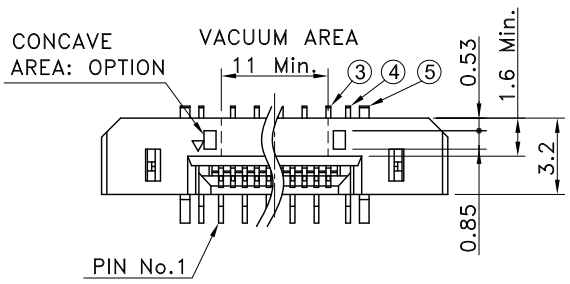
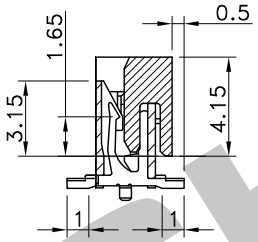
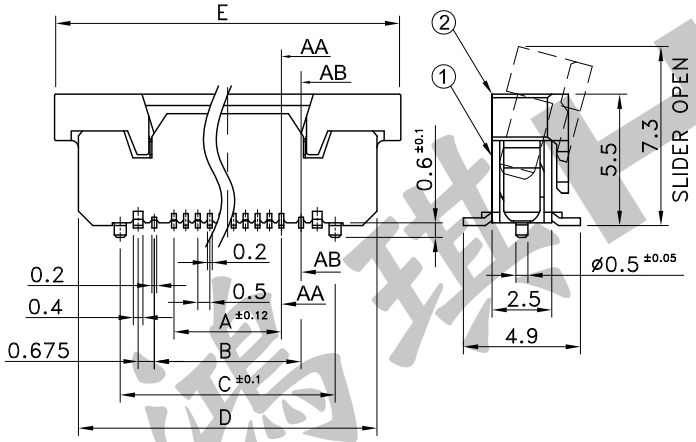
No.	Parts	Material	Remarks
5	Metal Flange	Copper Alloy	
4	Half Lock Contact	Copper Alloy	
3	Contact	Copper Alloy	
2	Slider	Heat Resisting Plastics	Natural, Black
1	Housing	Heat Resisting Plastics	UL94V-0, Black

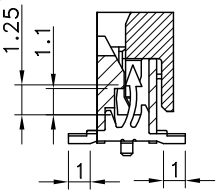




SECT. AA-AA



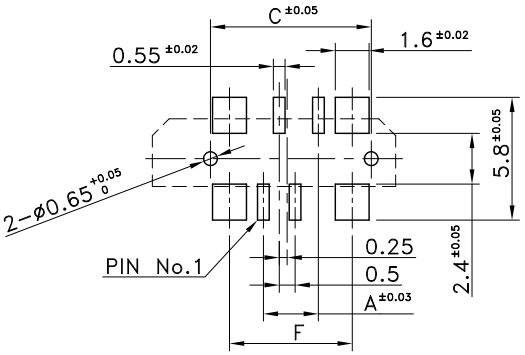
COPLANALITY
CONTACT, METAL FLANGE AND
HALF LOCK CONTACT : 0.1 MAX.



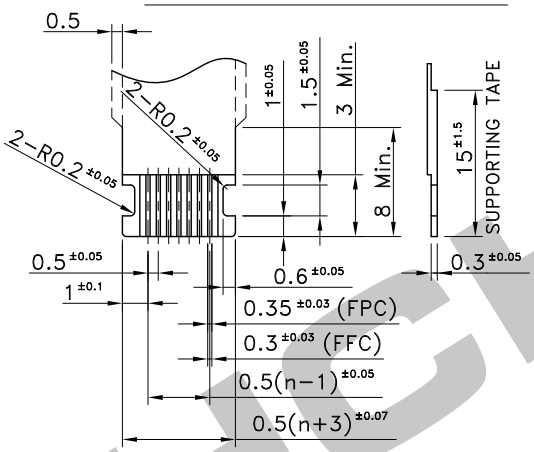
SECT. AB-AB

PARTS NO.	PIN	A	B	C	D	E	F
FPC15-04	4	1.5	3.15	6.0	9.5	11.5	4.2
FPC15-05	5	2.0	3.65	6.5	10.0	12.0	4.7
FPC15-06	6	2.5	4.15	7.0	10.5	12.5	5.2
FPC15-07	7	3.0	4.65	7.5	11.0	13.0	5.7
FPC15-08	8	3.5	5.15	8.0	11.5	13.5	6.2
FPC15-09	9	4.0	5.65	8.5	12.0	14.0	6.7
FPC15-10	10	4.5	6.15	9.0	12.5	14.5	7.2
FPC15-11	11	5.0	6.65	9.5	13.0	15.0	7.7
FPC15-12	12	5.5	7.15	10.0	13.5	15.5	8.2
FPC15-13	13	6.0	7.65	10.5	14.0	16.0	8.7
FPC15-14	14	6.5	8.15	11.0	14.5	16.5	9.2
FPC15-15	15	7.0	8.65	11.5	15.0	17.0	9.7
FPC15-16	16	7.5	9.15	12.0	15.5	17.5	10.2
FPC15-17	17	8.0	9.65	12.5	16.0	18.0	10.7
FPC15-18	18	8.5	10.15	13.0	16.5	18.5	11.2
FPC15-19	19	9.0	10.65	13.5	17.0	19.0	11.7
FPC15-20	20	9.5	11.15	14.0	17.5	19.5	12.2
FPC15-21	21	10.0	11.65	14.5	18.0	20.0	12.7
FPC15-22	22	10.5	12.15	15.0	18.5	20.5	13.2
FPC15-23	23	11.0	12.65	15.5	19.0	21.0	13.7
FPC15-24	24	11.5	13.15	16.0	19.5	21.5	14.2
FPC15-25	25	12.0	13.65	16.5	20.0	22.0	14.7
FPC15-26	26	12.5	14.15	17.0	20.5	22.5	15.2
FPC15-27	27	13.0	14.65	17.5	21.0	23.0	15.7
FPC15-28	28	13.5	15.15	18.0	21.5	23.5	16.2
FPC15-29	29	14.0	15.65	18.5	22.0	24.0	16.7
FPC15-30	30	14.5	16.15	19.0	22.5	24.5	17.2
FPC15-31	31	15.0	16.65	19.5	23.0	25.0	17.7
FPC15-32	32	15.5	17.15	20.0	23.5	25.5	18.2
FPC15-33	33	16.0	17.65	20.5	24.0	26.0	18.7
FPC15-34	34	16.5	18.15	21.0	24.5	26.5	19.2
FPC15-35	35	17.0	18.65	21.5	25.0	27.0	19.7
FPC15-36	36	17.5	19.15	22.0	25.5	27.5	20.2
FPC15-37	37	18.0	19.65	22.5	26.0	28.0	20.7
FPC15-38	38	18.5	20.15	23.0	26.5	28.5	21.2
FPC15-39	39	19.0	20.65	23.5	27.0	29.0	21.7
FPC15-40	40	19.5	21.15	24.0	27.5	29.5	22.2
FPC15-41	41	20.0	21.65	24.5	28.0	30.0	22.7
FPC15-42	42	20.5	22.15	25.0	28.5	30.5	23.2
FPC15-43	43	21.0	22.65	25.5	29.0	31.0	23.7
FPC15-44	44	21.5	23.15	26.0	29.5	31.5	24.2
FPC15-45	45	22.0	23.65	26.5	30.0	32.0	24.7
FPC15-46	46	22.5	24.15	27.0	30.5	32.5	25.2
FPC15-47	47	23.0	24.65	27.5	31.0	33.0	25.7
FPC15-48	48	23.5	25.15	28.0	31.5	33.5	26.2
FPC15-49	49	24.0	25.65	28.5	32.0	34.0	26.7
FPC15-50	50	24.5	26.15	29.0	32.5	34.5	27.2
FPC15-51	51	25.0	26.65	29.5	33.0	35.0	27.7
FPC15-52	52	25.5	27.15	30.0	33.5	35.5	28.2
FPC15-53	53	26.0	27.65	30.5	34.0	36.0	28.7
FPC15-54	54	26.5	28.15	31.0	34.5	36.5	29.2
FPC15-55	55	27.0	28.65	31.5	35.0	37.0	29.7
FPC15-56	56	27.5	29.15	32.0	35.5	37.5	30.2
FPC15-57	57	28.0	29.65	32.5	36.0	38.0	30.7
FPC15-58	58	28.5	30.15	33.0	36.5	38.5	31.2
FPC15-59	59	29.0	30.65	33.5	37.0	39.0	31.7
FPC15-60	60	29.5	31.15	34.0	37.5	39.5	32.2

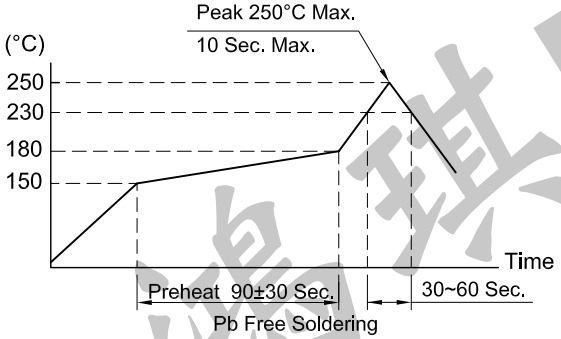
P.C.B TERMINAL POSITION



FPC • FFC DIMENSIONS



SOLDERING CONDITIONS



SPECIFICATIONS

1. Rating	: AC/DC 50V 500mA
2. Contact Resistance	: 50mΩ Max.
3. Insulation Resistance	: 100MΩ Min. at DC 250V
4. Dielectric Strength	: AC 250V for 1 Minute
5. Package	: 1,000 Pcs/Reel
6. Operating Temperature Range	: -40~+105°C
7. Reflow Soldering Profile	: According Reflow Profile Max. 2 Times

REVISION:	DATE:	REVISION:	DATE:
UNIT:mm	THIRD ANGLE PROJECTION METHOD	TOL. UNLESS OTHERWISE STATED:±0.3	CODE NO.:HCH-1959

ISSUED	CONFIRMED		PART NO.
John	Elvis	HCH® ISO9001 Certified ISO14001 Certified HORNG CHIH 鴻琪股份有限公司	FPC15
2014.03.26	2014.03.26		

鴻琪 HCH