

HSF

NOTES:

- 1.Current Rating:2.1A Max/Per Pin(2 pins powered in the same row) ;
- 2.Voltage Rating:100V AC ;
- 3.Contact Resistance: 30mΩ Max;
- 4.Withstand Voltage: 900V AC;
- 5.Insulation Resistance: 20000MΩ Min;
- 6.Operating Temperature: -55℃ to +125℃;
- 7.Insulator Material: LCP,G.F,UL94V-0,BK;
- 8.Contact Material: Copper Alloy;
- 9.Contact plating:
xxμ" Gold on contact area (See ordering information),
50μ" Nickel underplating overall;
Tail Area: 100u" Matte Tin ;
- 10.Recommended Process:
Reflow Soldering,Peak temperature:260±5℃

Ordering Information

37505 - S M XXX - 090 WX R X 1

S=Socket

M=180° SMT

No.of Pins:

010=10P; 020=20P;

022=22P; 026=26P;

040=40P; 046=46P;

050=50P; 060=60P;

070=70P; 080=80P;

098=98P; 100=100P;

120=120P; 140=140P;

150=150P;

High Type:

090=9.0mm;

Contact plating:

W3=10u"Gold/Matte Sn

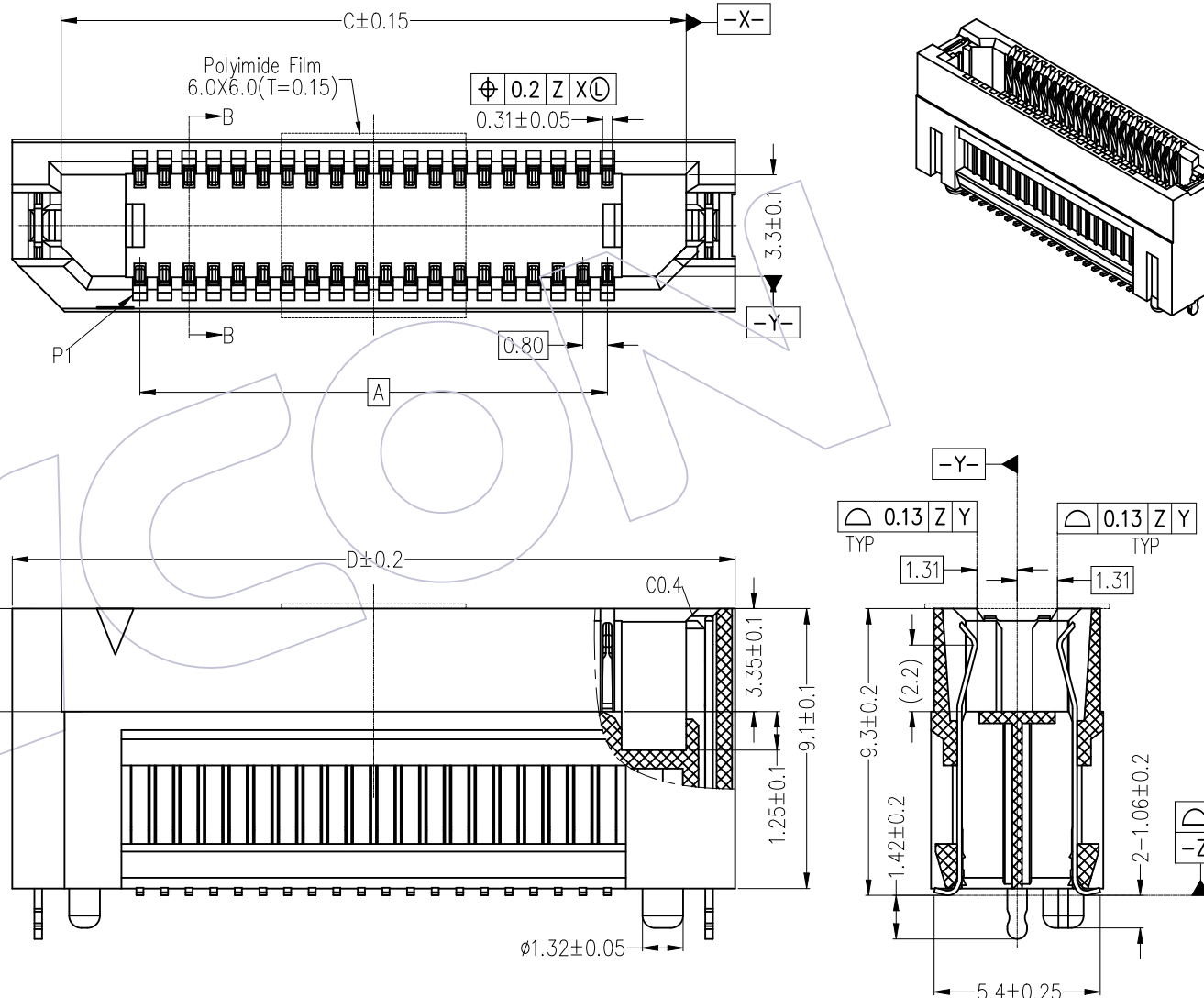
W5=30u"Gold/Matte Sn

Packing:R=Tape & Reel

LOGO:

0=Without LOGO; 1=With LOGO

WCON internal code



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION		DRAW	DATE	SCALE	FIT	PART NO.	TITLE	Customer NO.
				X.X	± 0.40							
A0	2023.10.26	NEW	houfu peng	X.XX	± 0.25	CHECK	DATE	UNIT	mm	37505-SMXXX-090WXRX1	0.8mm B TO B High Speed Connector Socket SMT TYPE H1=9.3 (S TYPE H9.0)	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	X.XXX	± 0.15	APPROVE	DATE	SIZE	A4			
				Angle	$\pm 3^\circ$			SHEET	1/3			
				DIM	TOL			PROJ.				

WCON

Http: www.wcon.com

WCON-Dongguan

Tel: +86 769 85358920

Fax: +86 769 85358915

E-mail: sales@wcon.com

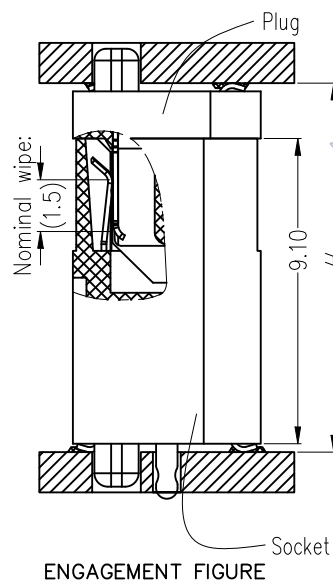
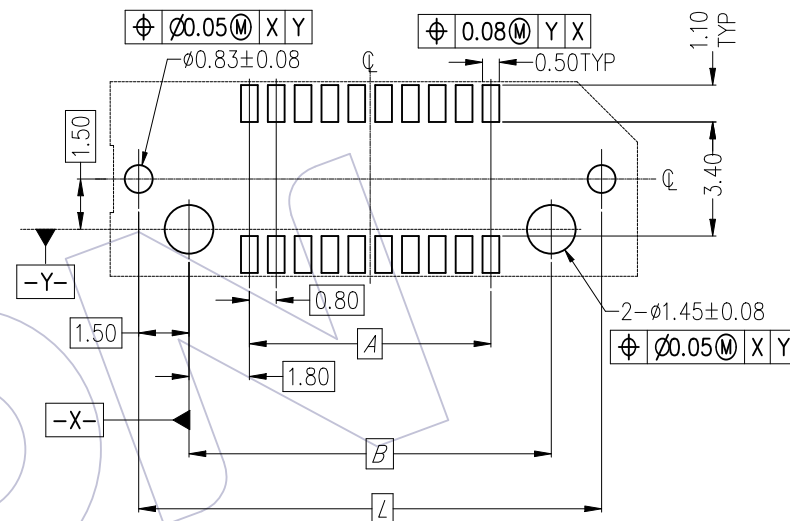
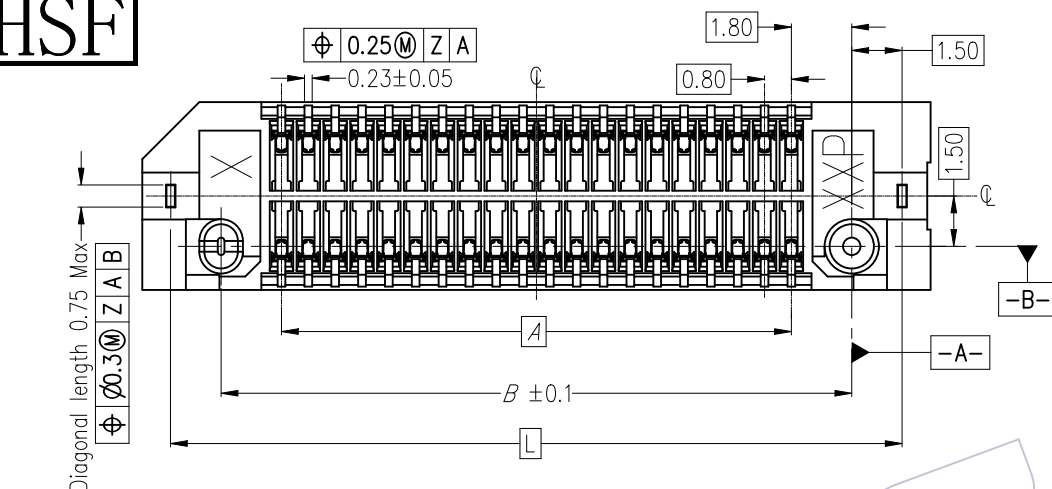
WCON-Kunshan

Tel: +86 512 57468408

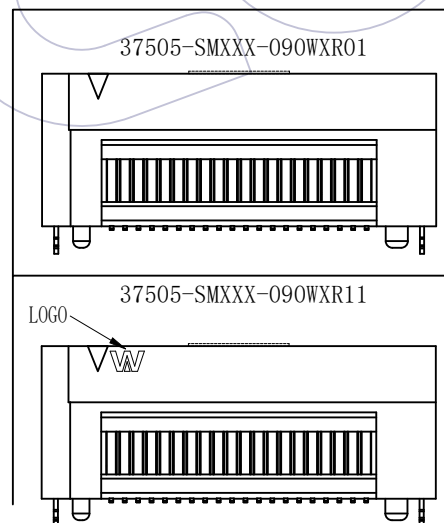
Fax: +86 512 57468468

E-mail: salesks@wcon.com

Recommended P.C.B Layout(Component Side)Top View
Default Tolerances $\pm 0.05\text{mm}$ P.C.B Thickness=2.0mm



Socket (Hieght style)	Plug (Hieght style)	ASS'Y HIGH (H)
9.0	2.0	11.0
	3.0	12.0
	5.0	14.0
	8.0	17.0
	9.0	18.0

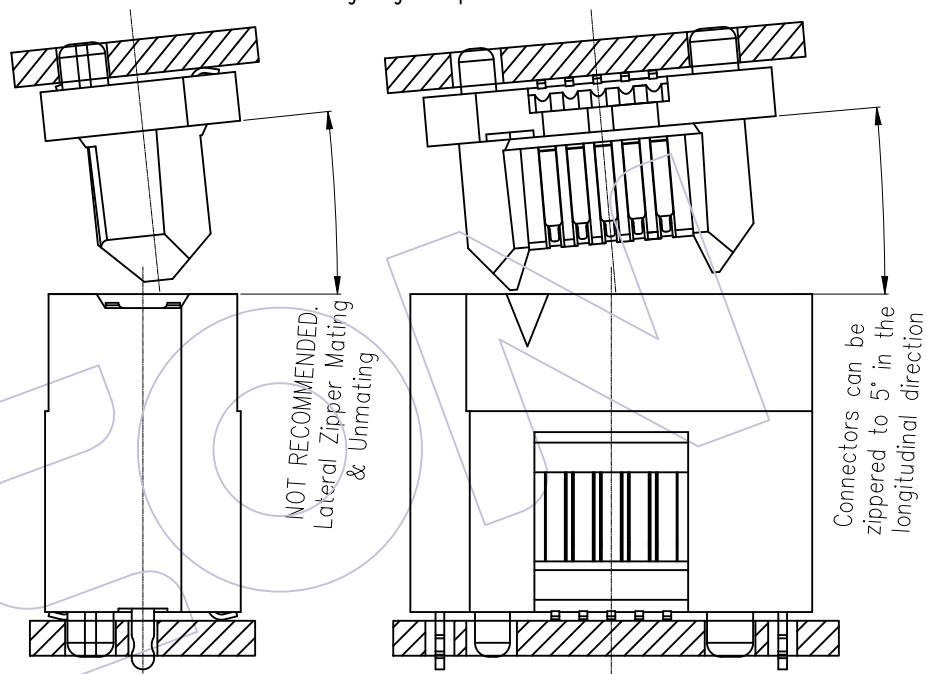
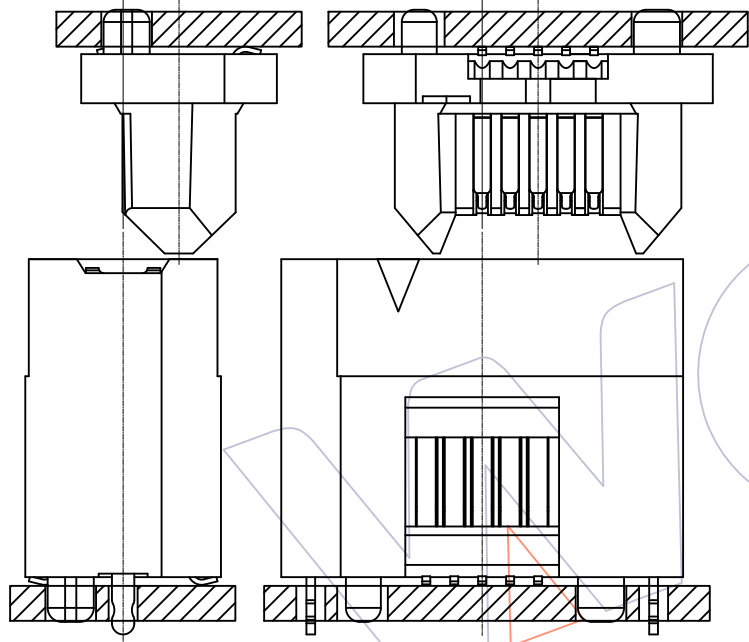


料号	PIN数	A	B	C	D	L	E
37505-SM010-090WXR1	10	3.2	6.8	8.32	11.5	9.8	
37505-SM020-090WXR1	20	7.2	10.8	12.32	15.5	13.8	
37505-SM022-090WXR1	22	8.0	11.6	13.12	16.3	14.6	
37505-SM026-090WXR1	26	9.6	13.2	14.72	17.9	16.2	
37505-SM040-090WXR1	40	15.2	18.8	20.32	23.5	21.8	0.10
37505-SM046-090WXR1	46	17.6	21.2	22.72	25.9	24.2	
37505-SM050-090WXR1	50	19.2	22.8	24.32	27.5	25.8	
37505-SM060-090WXR1	60	23.2	26.8	28.32	31.5	29.8	
37505-SM070-090WXR1	70	27.2	30.8	32.32	35.5	33.8	
37505-SM080-090WXR1	80	31.2	34.8	36.32	39.5	37.8	
37505-SM098-090WXR1	98	38.4	42.0	43.52	46.7	45.0	0.12
37505-SM100-090WXR1	100	39.2	42.8	44.32	47.5	45.8	
37505-SM120-090WXR1	120	47.2	50.8	52.32	55.5	53.8	
37505-SM140-090WXR1	140	55.2	58.8	60.32	63.5	61.8	
37505-SM150-090WXR1	150	59.2	62.8	64.32	67.5	65.8	0.15

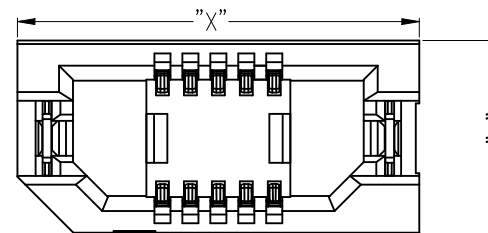
				OPERATION		DRAW houfu peng	DATE 2023.10.26	SCALE	FIT	PART NO. 37505-SMXXX-090WXRX1	 Http: www.wcon.com
				x.x	±0.40		CHECK	DATE	UNIT		
				x.xx	±0.25	APPROVE			DATE	SIZE	
A0	2023.10.26	NEW	houfu peng	x.xxx	±0.15		DIM	TOL		SHEET	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'					PROJ.	

WCON-Dongguan		WCON-Kunshan	
Tel: +86 769 85358920		Tel: +86 512 57468408	
Fax: +86 769 85358915		Fax: +86 512 57468468	
E-mail: sales@wcon.com		E-mail: salesks@wcon.com	

Mating Angle Requirements



The parts can be rigidly misaligned by no more than 0.04mm in the X- and 0.05mm in the Y-direction to ensure a good mate.



				OPERATION		DRAW houfu peng	DATE	SCALE	FIT	PART NO. 37505-SMXXX-090WXRX1	 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
				x.x	±0.40		CHECK	2023.10.26	UNIT		
				x.xx	±0.25	DATE		SIZE	A4		
A0	2023.10.26	NEW	houfu peng	x.xxx	±0.15					DATE	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE	PROJ.		Customer NO.		
				DIM	TOL						