

HSF

NOTES:

- Current Rating: 2.1A Max/Per Pin(2 pins powered in the same row) ;
- Voltage Rating: 100V AC ;
- Contact Resistance: 30mΩ Max;
- Withstand Voltage: 900V AC;
- Insulation Resistance: 2000MΩ Min;
- Operating Temperature: -55°C to +125°C;
- Insulator Material: LCP,G.F,UL94V-0,BK;
- Contact Material: Copper Alloy;
- Contact plating:
xxμ" Gold on contact area (See ordering information),
50μ" Nickel underplating overall;
Tail Area: 100u" Matte Tin ;
- Recommended Process:
Reflow Soldering,Peak temperature: 260±5°C

Ordering Information

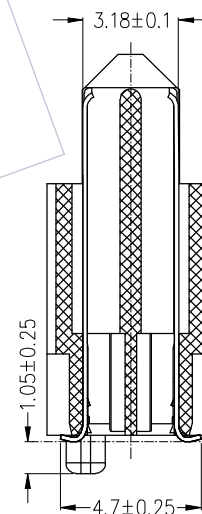
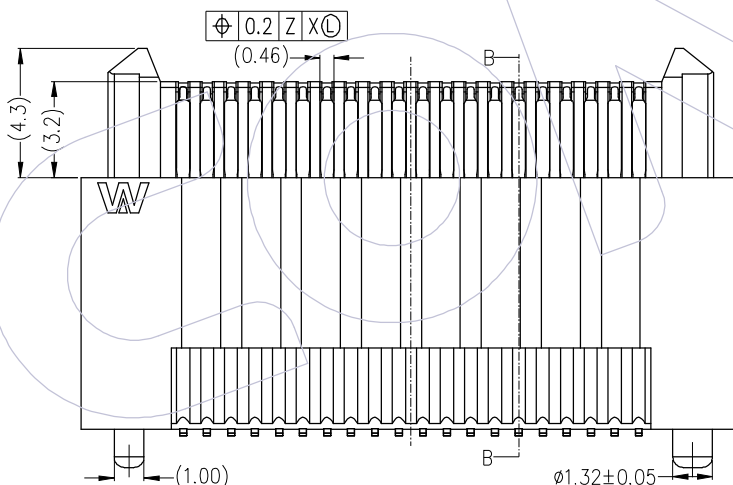
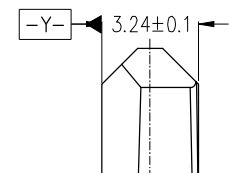
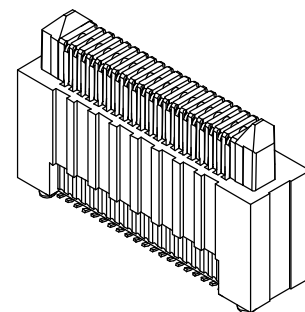
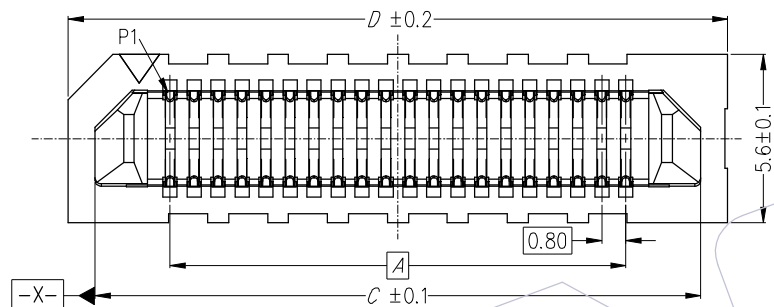
37505 - P M XXX - 090 XX R X X

P=Plug
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; 200=200P;

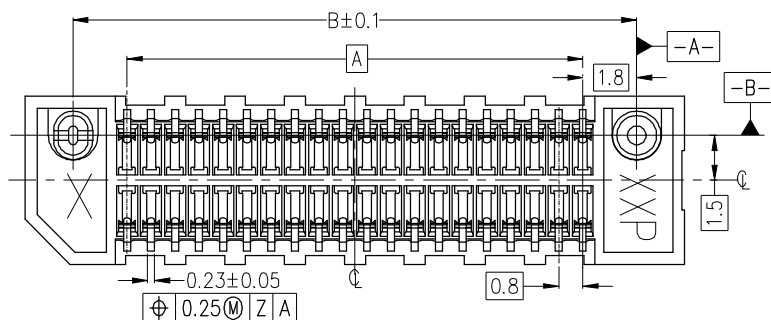
High Type:
090=9.0mm;
Contact plating:
W3=10u"Gold/Matte Sn
W5=30u"Gold/Matte Sn
Packing: R=Tape & Reel

0=Without LOGO
1=With LOGO

1: With Plastic Cap
2: With Polyimide Film Pad

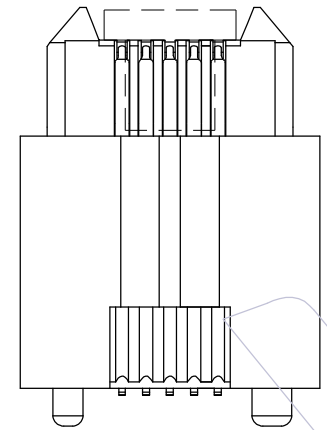
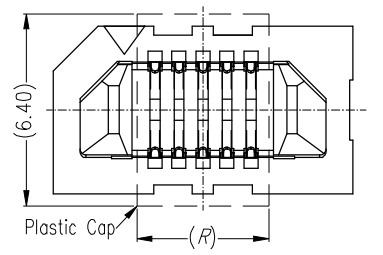


0.1	(10-60)P
0.12	(70-120)P
0.15	(140-150)P
-Z-	



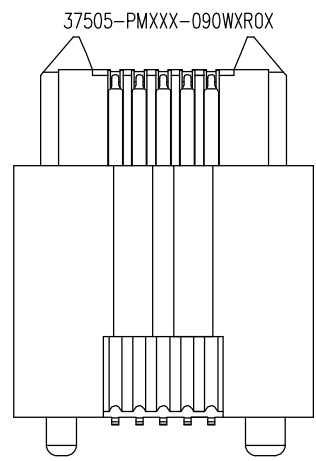
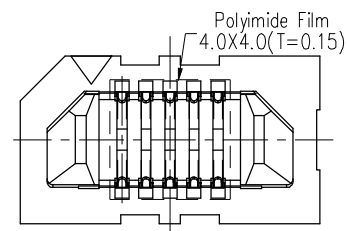
				OPERATION		DRAW houfu peng	DATE 2024.11.01	SCALE	FIT	PART NO. 37505-PMXXX-090WXRXX	 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
				X.X	±0.40			CHECK	DATE		
				X.XX	±0.25	APPROVE	DATE	SIZE	A4		
A0	2024.11.01	NEW	houfu peng	X.XXX	±0.15			SHEET	1/2	Customer NO.	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3°	PROJ.					
				DIM	TOL						

HSF

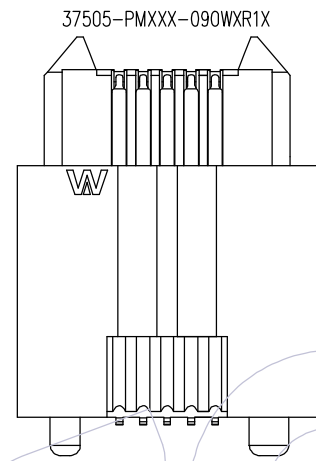


37505-PMXXX-090WXR1

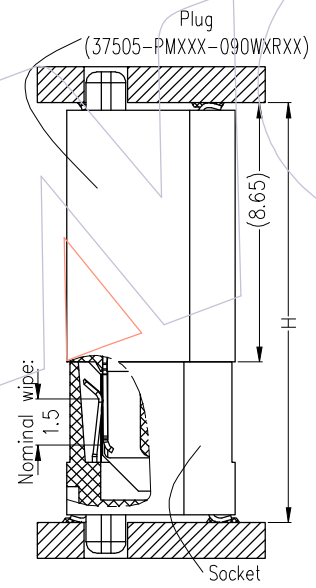
37505-PMXXX-090WXR2



37505-PMXXX-090WXR0X



37505-PMXXX-090WXR1X



ENGAGEMENT FIGURE

Plug (Height style)	Socket (Height style)	ASS'Y HIGH (H)
9.0	5.0	14.0
	7.0	16.0
	9.0	18.0
	10.0	19.0

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

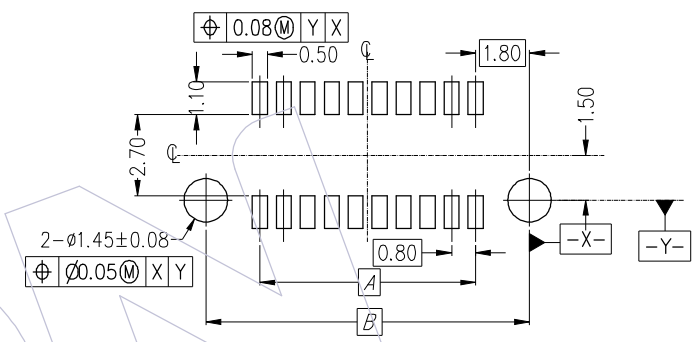


TABLE 1

PART NO.	PIN	A	B	C	D	Z
37505-PM010-090WXRXX	10	3.2	6.8	8.20	10.0	4.4
37505-PM020-090WXRXX	20	7.2	10.8	12.20	14.0	
37505-PM022-090WXRXX	22	8.0	11.6	13.00	14.8	
37505-PM026-090WXRXX	26	9.6	13.2	14.60	16.4	
37505-PM040-090WXRXX	40	15.2	18.8	20.20	22.0	7.6
37505-PM046-090WXRXX	46	17.6	21.2	22.60	24.4	
37505-PM050-090WXRXX	50	19.2	22.8	24.20	26.0	
37505-PM060-090WXRXX	60	23.2	26.8	28.20	30.0	
37505-PM070-090WXRXX	70	27.2	30.8	32.20	34.0	
37505-PM080-090WXRXX	80	31.2	34.8	36.20	38.0	
37505-PM098-090WXRXX	98	38.4	42.0	43.40	45.2	
37505-PM100-090WXRXX	100	39.2	42.8	44.20	46.0	
37505-PM120-090WXRXX	120	47.2	50.8	52.20	54.0	
37505-PM140-090WXRXX	140	55.2	58.8	60.20	62.0	
37505-PM150-090WXRXX	150	59.2	62.8	64.20	66.0	
37505-PM200-090WXRXX	200	79.2	82.8	84.20	86.0	

NOT TOOLED
NOT TOOLED
NOT TOOLED
NOT TOOLED

				OPERATION		DRAW houfu peng	DATE 2024.11.01	SCALE	FIT	PART NO. 37505-PMXXX-090WXRXX	WCON Http: www.wcon.com	
				x.x	±0.40			UNIT	mm			
				x.xx	±0.25	CHECK	DATE	SIZE	A4	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	
A0	2024.11.01	NEW	houfu peng	x.xxx	±0.15			APPROVE	DATE			SHEET
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle DIM	± 3° TOL	PROJ.						

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