

HSF

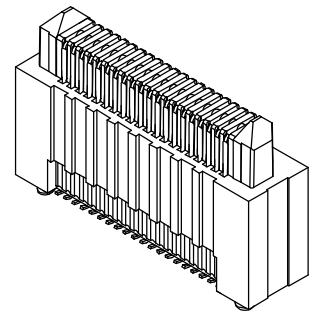
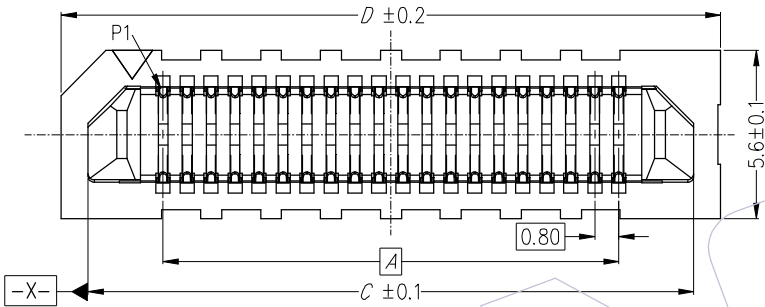
- NOTES:
- 1.Current Rating:2.1A Max/Per Pin(2 pins powered in the same row) ;
 - 2.Voltage Rating:100V AC ;
 - 3.Contact Resistance: 30mΩ Max;
 - 4.Withstand Voltage: 900V AC;
 - 5.Insulation Resistance: 20000MΩ Min;
 - 6.Operating Temperature: -55℃ to +125℃;
 - 7.Insulator Material: LCP,G.F,UL94V-0,BK;
 - 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

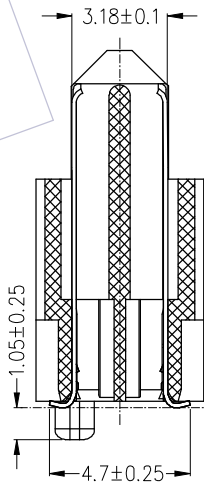
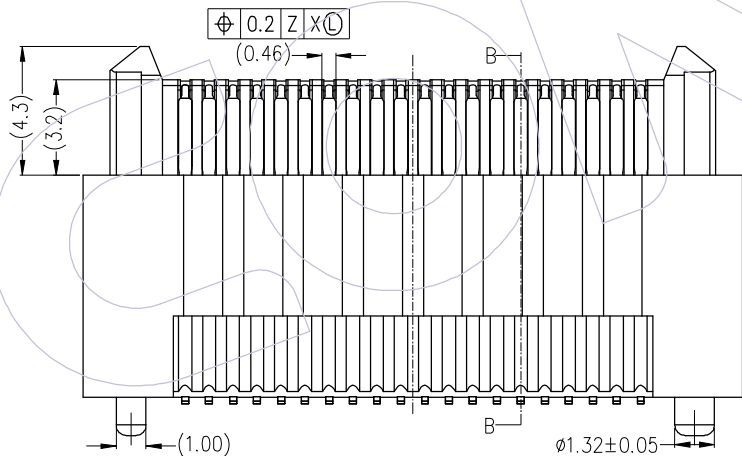
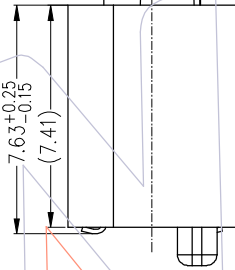
37505 - P M XXX - 080 XX R X X

- 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;
High Type:
080=8.0mm;
Contact plating:
W3=10u"Gold/Matte Sn
W5=30u"Gold/Matte Sn
Packing:R=Tape & Reel
0=Without LOGO
1=With LOGO

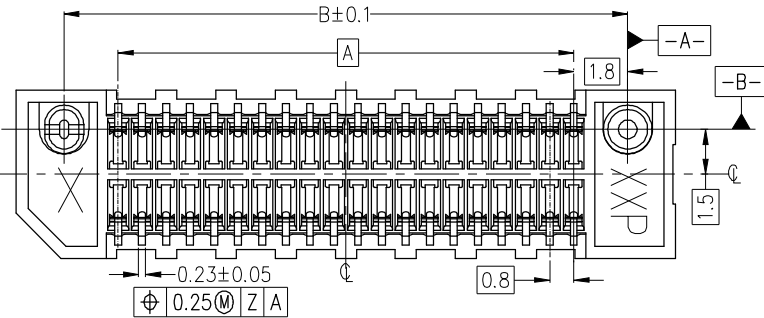
- 1: With Plastic Cap
2: With Polyimide Film Pad



-Y- 3.24±0.1



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 mm	PART NO. 37505-PMXXX-080WXRXX
				X.X	±0.40					
				X.XX	±0.25	CHECK	DATE	UNIT	mm	TITLE: 0.8mm B TO B High Speed Connector Plug SMT TYPE, H1=7.6 (S TYPE H8.0)
				X.XXX	±0.15					
A0	2024.11.01	NEW	houfu peng	Angle	± 3°	APPROVE	DATE	SHEET	1/2	Customer NO.
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL					

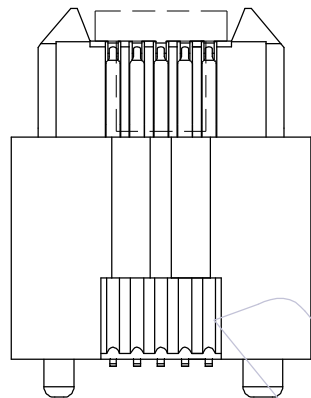
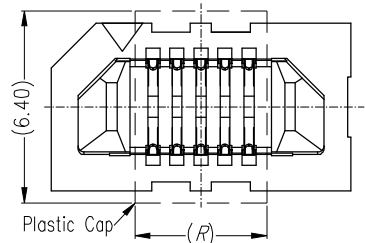
WCON

Http: www.wcon.com

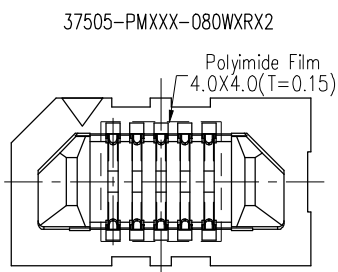
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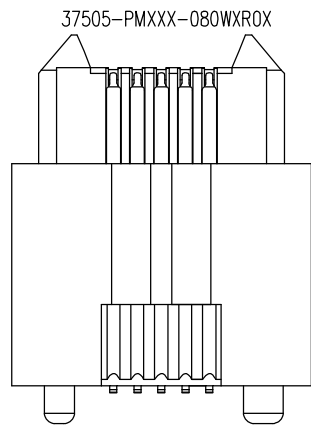
HSF



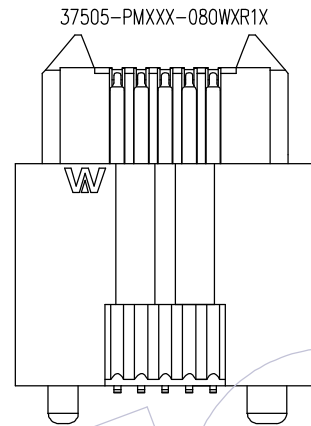
37505-PMXXX-080WXR1



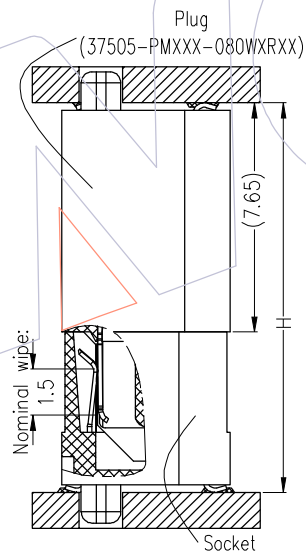
37505-PMXXX-080WXR2



37505-PMXXX-080WXR0X



37505-PMXXX-080WXR1X



ENGAGEMENT FIGURE

Plug (Height style)	Socket (Height style)	ASS'Y HIGH (H)
8.0	5.0	13.0
	7.0	15.0
	9.0	17.0
	10.0	18.0

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

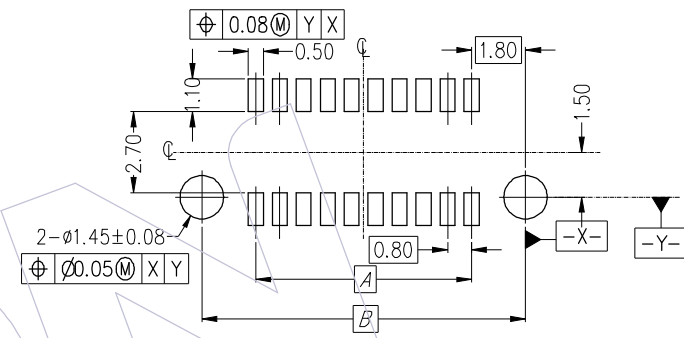


TABLE 1

PART NO.	PIN	A	B	C	D	Z
37505-PM010-080WXRXX	10	3.2	6.8	8.20	10.0	4.4
37505-PM020-080WXRXX	20	7.2	10.8	12.20	14.0	
37505-PM022-080WXRXX	22	8.0	11.6	13.00	14.8	
37505-PM026-080WXRXX	26	9.6	13.2	14.60	16.4	
37505-PM040-080WXRXX	40	15.2	18.8	20.20	22.0	7.6
37505-PM046-080WXRXX	46	17.6	21.2	22.60	24.4	
37505-PM050-080WXRXX	50	19.2	22.8	24.20	26.0	
37505-PM060-080WXRXX	60	23.2	26.8	28.20	30.0	
37505-PM070-080WXRXX	70	27.2	30.8	32.20	34.0	
37505-PM080-080WXRXX	80	31.2	34.8	36.20	38.0	
37505-PM098-080WXRXX	98	38.4	42.0	43.40	45.2	
37505-PM100-080WXRXX	100	39.2	42.8	44.20	46.0	
37505-PM120-080WXRXX	120	47.2	50.8	52.20	54.0	
37505-PM140-080WXRXX	140	55.2	58.8	60.20	62.0	
37505-PM150-080WXRXX	150	59.2	62.8	64.20	66.0	

NOT TOOLED
NOT TOOLED
NOT TOOLED

				OPERATION		DRAW houfu peng	DATE 2024.11.01	SCALE	FIT	PART NO. 37505--PMXXX--080WXRXX	 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: sales@wcon.com
				x.x	±0.40			UNIT	mm		
				x.xx	±0.25	CHECK	DATE	SIZE	A4	TITLE: 0.8mm B TO B High Speed Connector Plug SMT TYPE, H1=7.6 (S TYPE H8.0)	
				x.xxx	±0.15	APPROVE	DATE	SHEET	2/2		
A0	2024.11.01	NEW	houfu peng	Angle	± 3°			PROJ.		Customer NO.	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL						