

# HSF

**NOTES:**

- 1.Electrical Performance:
  - 1-1.Current Rating:0.5 A at AC 100V.
  - 1-2.Withstand Voltage:250V AC.
  - 1-3.Contact Resistance:See Table.  $\Delta 3$
  - 1-4.Insulation Resistance:1000M $\Omega$  Min.
  - 1-5.Operation Temperature:-55°Cto+85°C
- 2.Material:
  - 2-1.Housing:LCP;Black/Natural;UL94V-0  $\Delta 3$
  - 2-2.Contact:Phosphor Bronze,T=0.20mm.
  - 2-3.Fitting Nail:Brass,T=0.25mm.
  - 2-4.Metal Cap :Stainless Steel,T=0.20mm.
- 3.Finish:
  - 3-1.Contact:Gold Plating On Contact Area;  
Matte Tin Plating On Solder Tails,Over Ni.
  - 3-2.Fitting Nail:Sn Plating Over Ni Under Plating

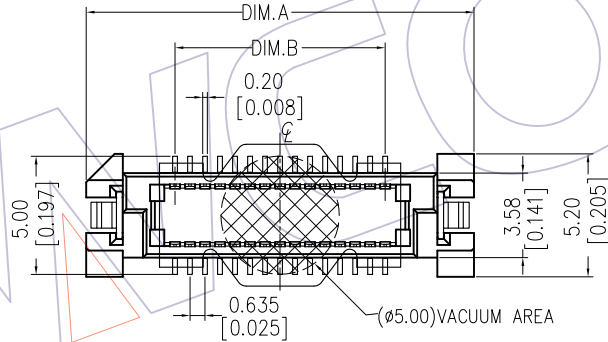
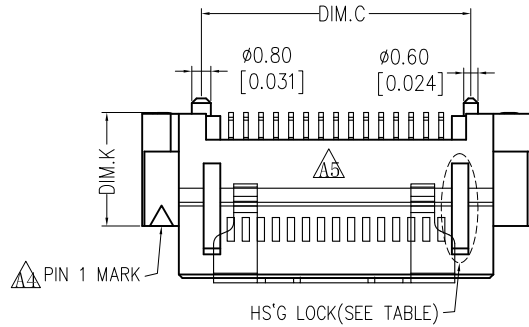
Flatness: <80Pins The "M" Is 0.12mm MAX  
 ≥80Pins The "M" Is 0.15mm MAX

## Ordering Information

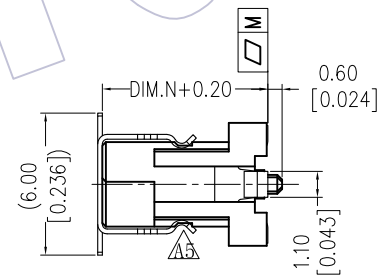
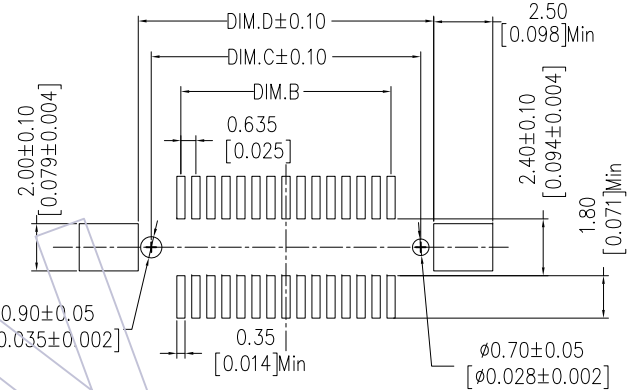
3660-PXXX - XXX XX R 01

No.of Pins    Housing High    Contact Plating    R=Tape&Reel+CAP

G1=3u"Gold  
 G2=5u"Gold  
 G3=10u"Gold  
 S1=3u"Gold/Tin  
 S2=5u"Gold/Tin  
 S3=10u"Gold/Tin



Recommended P.C.B Layout (Top Side)  
 (PCB BOARD TOLERANCE ±0.05)



ASS'Y HIGH(H)	$\Delta 3$	
	Before Test	After Test
6.0~7.0	≤40m $\Omega$	≤60m $\Omega$
8.0~10.0	≤50m $\Omega$	≤70m $\Omega$
11.0~13.0	≤60m $\Omega$	≤80m $\Omega$
14.0~16.0	≤70m $\Omega$	≤90m $\Omega$

PART NO.	DIM.N	DIM.K
3660-PXXX-050XXR01	5.00	2.80
3660-PXXX-060XXR01	6.00	3.80
3660-PXXX-070XXR01	7.00	4.80
3660-PXXX-080XXR01	8.00	5.80
3660-PXXX-090XXR01	9.00	6.80

ASS'Y HIGH(H)	PLUG(H1)	SOCKET(H2)
6.00	5.00	4.00
7.00	6.00	
8.00	7.00	
9.00	8.00	
10.00	9.00	10.00
12.00	5.00	
13.00	6.00	
14.00	7.00	
15.00	8.00	
16.00	9.00	

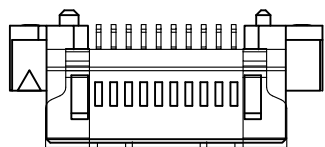
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
A5	2017/07/21	Modify	$\Delta 3$	OPERATION	Ding	2017/07/21	UNIT	mm	3660-PXXX-XXXXXR01
A4	2014/05/07	Modify	$\Delta 3$	x.X ±0.40	CHECK	DATE	inch	TITLE:	
A3	2014/03/07	Modify The Contact Resistance	$\Delta 3$	x.XX ±0.25	APPROVE	DATE	SIZE	A4	0.635mm BTB "M" TYPE MALE 180° SMT $\Delta 3$
A0	2012/11/20	NEW	—	x.XXX ±0.15	APPROVE	DATE	SHEET	1/2	
				Angle ± 3°			PROJ.		Customer NO.
				DIM TOL					

**WCON**  
 Http: www.wcon.com

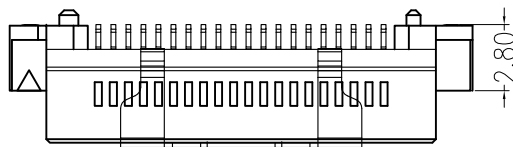
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 Tel: +86 769 85358920    Tel: +86 512 57468408  
 Fax: +86 769 85358915    Fax: +86 512 57468468  
 E-mail: sales@wcon.com    E-mail: salesks@wcon.com

**HSF**

G3660-PXXX-050DX01

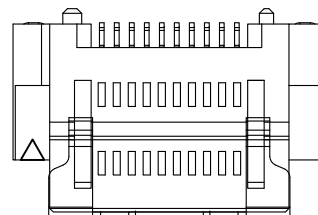


PIN数 < 80P

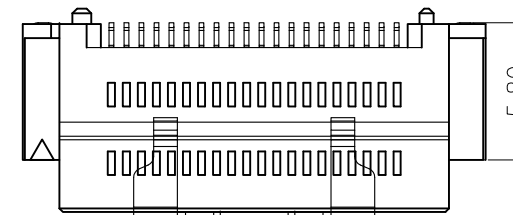


PIN数 ≥ 80P

G3660-PXXX-080DX01

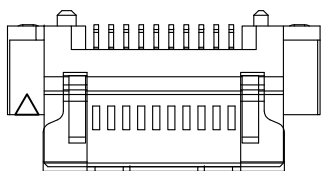


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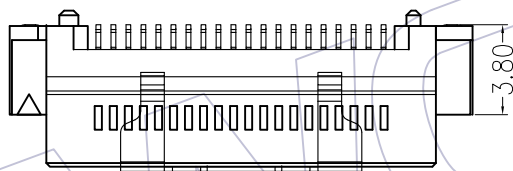


PIN数 ≥ 80P

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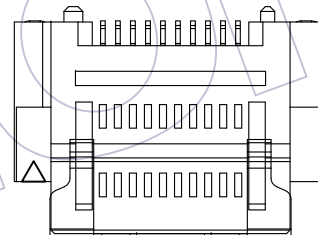


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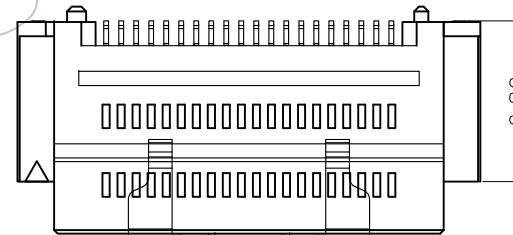


PIN数 ≥ 80P

G3660-PXXX-090DX01

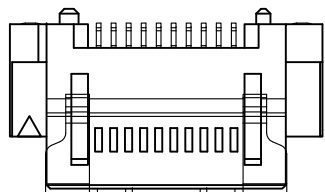


PIN数 < 80P

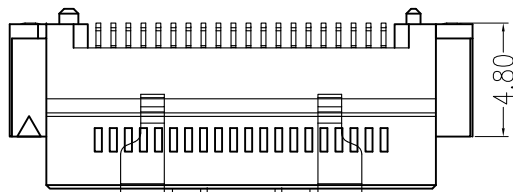


PIN数 ≥ 80P

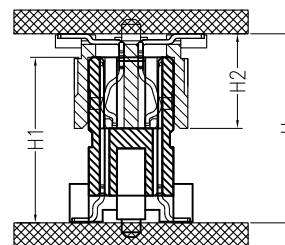
G3660-PXXX-070DX01



PIN数 < 80P



PIN数 ≥ 80P



Assembly

NO	53.77	52.67	50.165	57.67	160
	47.42	46.32	43.815	51.32	140
	41.07	39.97	37.465	44.97	120
	34.72	33.62	31.115	38.62	100
	31.55	30.45	27.940	35.45	90
	28.37	27.27	24.765	32.27	80
YES	25.20	24.10	21.590	29.10	70
	22.02	20.92	18.415	25.92	60
	18.85	17.75	15.240	22.75	50
	15.67	14.57	12.065	19.57	40
	12.50	11.40	8.890	16.40	30
	9.32	8.22	5.715	13.22	20
HS'G LOCK	DIM.D	DIM.C	DIM.B	DIM.A	PIN NO

A5	2017/07/21	Modify	△	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	<p><b>WCON</b>  <a href="http://www.wcon.com">Http: www.wcon.com</a>                  WCON-Dongguan Tel: +86 769 85358920                  WCON-Kunshan Tel: +86 512 57468408                  Fax: +86 769 85358915                  E-mail: sales@wcon.com</p>
A4	2014/05/07	Modify		x.X						
A3	2014/03/07	Modify The Contact Resistance	△	x.XX	±0.25	CHECK	DATE	inch	TITLE:	
A0	2012/11/20	NEW	—	x.XXX	±0.15	APPROVE	DATE	A4	0.635mm BTB "M" TYPE MALE 180° SMT △	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'			2/2	Customer NO.	
				DIM	TOL			PROJ.		

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