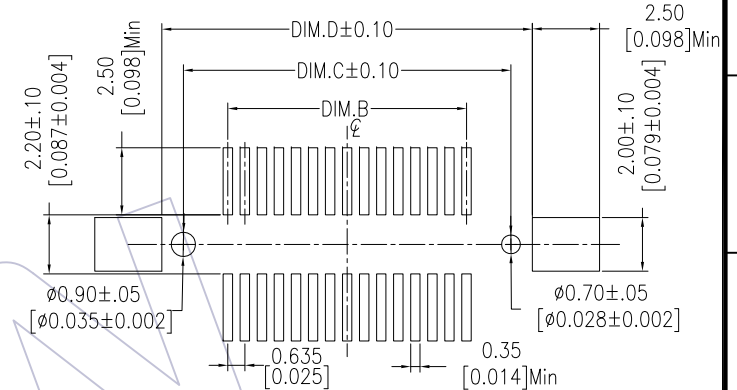
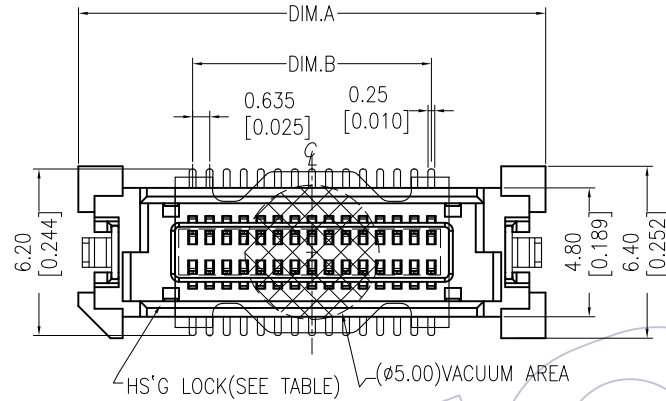


HSF

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

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

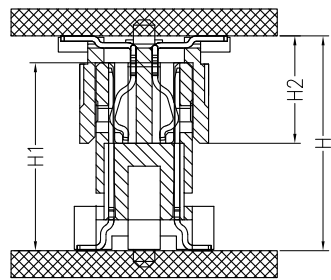
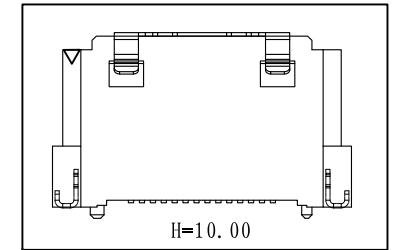
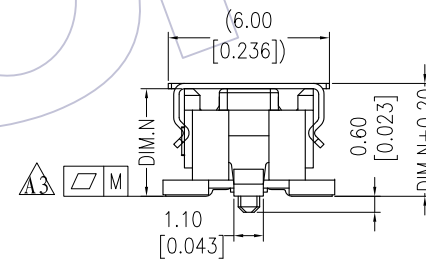
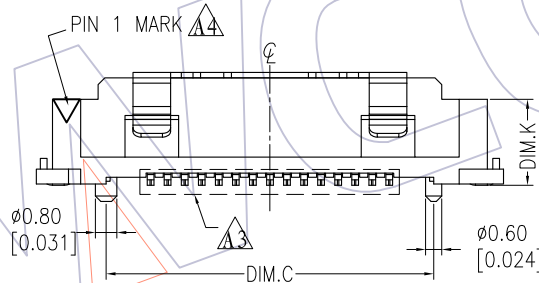


Flatness: <80 Pins The "M" Is 0.12mm MAX
≥80 Pins The "M" Is 0.15mm MAX

Ordering Information

3660-S XXX - XXX XX R 01

No. of Pins	Housing High	Contact Plating	R=Tape&Reel+CAP
		G1=3u"Gold	
		G2=5u"Gold	
		G3=10u"Gold/Tin	
		S1=3u"Gold/Tin	
		S2=5u"Gold/Tin	
		S3=10u"Gold/Tin	



Assembly

PART NO.	DIM. N	DIM. K
3660-SXXX-040XXR01	4.00	3.20
3660-SXXX-100XXR01	10.00	9.20

ASS'Y HIGH (H)	Before Test	After Test
6.0 ~ 7.0	≤ 40mΩ	≤ 60mΩ
8.0 ~ 10.0	≤ 50mΩ	≤ 70mΩ
11.0 ~ 13.0	≤ 60mΩ	≤ 80mΩ
14.0 ~ 16.0	≤ 70mΩ	≤ 90mΩ

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

NO	55.07	53.47	50.165	58.67	160
	48.72	47.12	43.815	52.32	140
42.30	40.77	37.465	45.97	120	
36.02	34.42	31.115	39.62	100	
32.85	31.25	27.940	36.45	90	
29.67	28.07	24.765	33.27	80	
26.50	24.90	21.590	30.10	70	
23.32	21.72	18.415	26.92	60	
20.15	18.55	15.240	23.75	50	
16.97	15.37	12.065	20.57	40	
13.80	12.20	8.890	17.40	30	
10.62	9.02	5.715	14.22	20	
HS'G LOCK	DIM.D	DIM.C	DIM.B	DIM.A	PIN NO.

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
A4	2014/05/07	Modify	△4	OPERATION	Drawn	2014/05/07	SCALE	FIT	3660-SXXX-XXXXXR01
A3	2014/03/24	Modify The Contact Resistance	△3	X.X ±0.40	Allen		UNIT	mm	TITLE: △1 0.635mm BTB "M" FEMALE SMT TYPE
A2	2014/03/07	Modify The Housing Material Color	△2	X.XX ±0.25	CHECK	DATE	SIZE	A4	
A0	2012/11/14	NEW	—	X.XXX ±0.15	APPROVE	DATE	SHEET	1/1	Customer NO.
				Angle ± 3'			PROJ.		
				DIM TOL					