

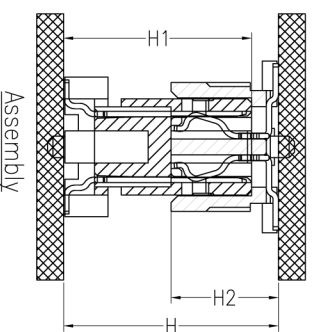
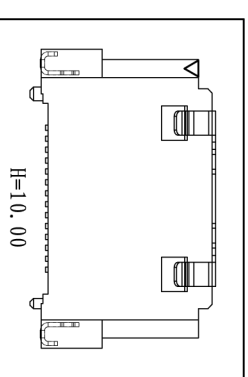
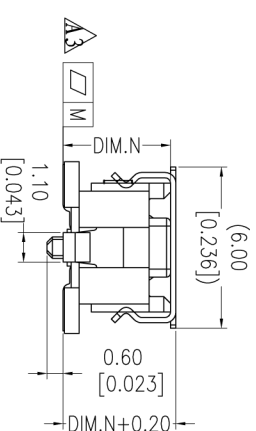
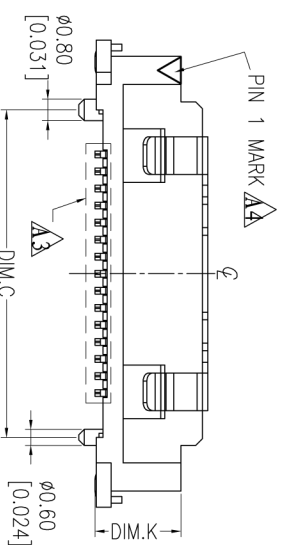
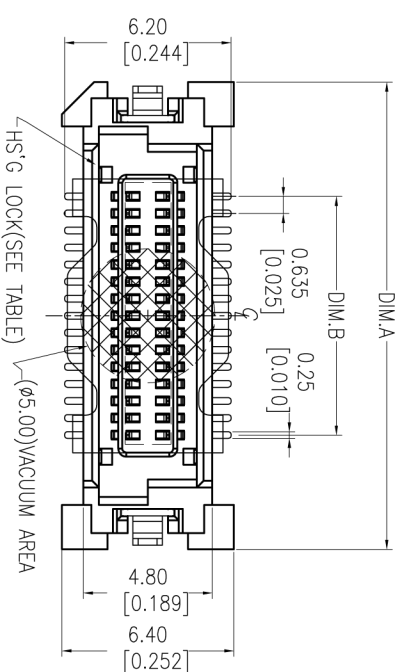
Recommended P. C. B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)

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. 
 - 1-4. Insulation Resistance: 1000MΩ Min.
 - 1-5. Operation Temperature: -55°C to +85°C
2. Material:
 1. Housing: LCP; Black / Natural; UL94V-0. 
 - 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;
 - 3-2. Fitting Nail: Sn Plating Over, Ni Under Plating
 - 3-3. Matte Tin Plating On Solder Tails Over Ni.

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

Ordering Information

3660-S XXX - XXX XX R 01

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	$\leq 40m\Omega$	$\leq 60m\Omega$
8.0 ~ 10.0	$\leq 50m\Omega$	$\leq 70m\Omega$
11.0 ~ 13.0	$\leq 60m\Omega$	$\leq 80m\Omega$
14.0 ~ 16.0	$\leq 70m\Omega$	$\leq 90m\Omega$

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	
12.00	5.00	
13.00	6.00	
14.00	7.00	10.00
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
YES	13.80	12.20	8.890	17.40	30
	10.62	9.02	5.715	14.22	20
	HS'C LOCK	DIM.D	DIM.C	DIM.B	DIM.A

A4	2014/05/07	Modify	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
A3	2014/03/24	Modify The Contact Resistance	XX	Alien	2014/05/07	UNIT	mm	3660-SXXX-XXXXXR01
A2	2014/03/07	Modify The Housing Material Color	XXX	CHECK	DATE	SIZE	inch	TITLE: ΔΔ
A0	2012/11/14	NEW	XXXX				A4	0.635mm BTB "M" FEMALE SMT TYPE
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DATE	SHEET	1/1	Customer NO.
			DIM	TOL		PROJ.		
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