

Process Capability Evaluation

Part Number: 20104756					Supplier : Hansin Precision Engineerin					Target	2.0
Part Name: ASSY, TOP COVER					Prepared By : Chu Libo						1.3
Part Revision: C					Date of Evaluation : 31-May-24						
Specification											
Item No	3	12.1	12.2	12.3	24	30.1	30.2	32	33		
Cavity	1	1	1	1	1	1	1	1	1		
Nominal	10.860	8.100	8.100	8.100	15.000	7.400	7.400	3.010	83.000		
Upper Tol.	0.000	0.100	0.100	0.100	0.000	0.200	0.200	0.200	0.300		
Lower Tol.	0.300	0.100	0.100	0.100	0.300	0.200	0.200	0.200	0.300		
USL	10.860	8.200	8.200	8.200	15.000	7.600	7.600	3.210	83.300	0.000	
LSL	10.560	8.000	8.000	8.000	14.700	7.200	7.200	2.810	82.700	0.000	
Total Tol	0.300	0.200	0.200	0.200	0.300	0.400	0.400	0.400	0.600	0.000	
Process Capability Statistics											
Xbar +3σ	10.712	8.109	8.119	8.117	14.779	7.564	7.563	3.082	82.906	#VALUE!	
Xbar	10.652	8.068	8.075	8.068	14.746	7.521	7.517	3.040	82.867		
Xbar -3σ	10.592	8.028	8.032	8.019	14.713	7.478	7.471	2.997	82.828	#VALUE!	
Std dev	0.020	0.013	0.015	0.016	0.011	0.014	0.015	0.014	0.013		
Zu	3.471	3.272	2.854	2.669	7.700	1.820	1.801	3.982	11.150		
Zl	1.543	1.698	1.725	1.375	1.407	7.396	6.915	5.369	4.289		
Cp	2.507	2.485	2.290	2.022	4.553	4.608	4.358	4.675	7.719		
	In Control	In Control	In Control	In Control	In Control	In Control	In Control	In Control	In Control		
Cpk	1.543	1.698	1.725	1.375	1.407	1.820	1.801	3.982	4.289		
	In Control	In Control	In Control	In Control	In Control	In Control	In Control	In Control	In Control		
Max	10.690	8.090	8.110	8.090	14.760	7.550	7.540	3.070	82.890	0.000	
Min	10.620	8.050	8.050	8.030	14.720	7.490	7.480	3.020	82.850	0.000	
Variance	0.070	0.040	0.060	0.060	0.040	0.060	0.060	0.050	0.040	0.000	
DIMENSIONAL DATA											
Sample	3	12.1	12.2	12.3	24	30.1	30.2	32	33		
1	10.68	8.05	8.07	8.05	14.74	7.51	7.52	3.03	82.86		
2	10.64	8.08	8.09	8.03	14.75	7.52	7.48	3.05	82.87		
3	10.63	8.05	8.06	8.04	14.75	7.53	7.51	3.02	82.88		
4	10.67	8.07	8.07	8.08	14.76	7.52	7.53	3.02	82.86		
5	10.65	8.06	8.11	8.05	14.75	7.51	7.51	3.04	82.89		
6	10.63	8.06	8.08	8.06	14.74	7.53	7.52	3.02	82.88		
7	10.62	8.09	8.09	8.09	14.74	7.52	7.54	3.02	82.87		
8	10.64	8.08	8.09	8.07	14.74	7.54	7.53	3.03	82.88		
9	10.66	8.07	8.06	8.05	14.75	7.54	7.53	3.04	82.85		
10	10.65	8.08	8.07	8.06	14.73	7.52	7.53	3.03	82.88		
11	10.63	8.07	8.09	8.07	14.76	7.53	7.52	3.05	82.85		
12	10.65	8.05	8.07	8.06	14.75	7.52	7.54	3.03	82.87		
13	10.65	8.07	8.06	8.07	14.73	7.53	7.53	3.02	82.85		
14	10.67	8.06	8.08	8.09	14.75	7.51	7.49	3.05	82.88		
15	10.62	8.07	8.06	8.05	14.73	7.53	7.50	3.07	82.85		
16	10.65	8.09	8.09	8.08	14.76	7.55	7.53	3.05	82.87		
17	10.68	8.05	8.06	8.09	14.75	7.54	7.49	3.06	82.88		
18	10.62	8.07	8.07	8.07	14.76	7.52	7.52	3.05	82.87		
19	10.65	8.06	8.09	8.09	14.75	7.51	7.51	3.03	82.85		
20	10.63	8.09	8.07	8.07	14.75	7.54	7.53	3.05	82.88		
21	10.65	8.07	8.05	8.08	14.76	7.53	7.52	3.02	82.87		
22	10.66	8.09	8.06	8.07	14.76	7.52	7.53	3.05	82.85		
23	10.67	8.06	8.08	8.09	14.75	7.49	7.52	3.06	82.88		
24	10.65	8.05	8.09	8.05	14.73	7.50	7.52	3.05	82.86		
25	10.69	8.06	8.07	8.09	14.75	7.51	7.51	3.05	82.87		
26	10.67	8.07	8.09	8.07	14.75	7.53	7.51	3.03	82.85		
27	10.65	8.09	8.07	8.08	14.72	7.51	7.49	3.05	82.87		
28	10.69	8.07	8.09	8.07	14.73	7.49	7.53	3.03	82.85		
29	10.67	8.05	8.08	8.05	14.75	7.52	7.51	3.05	82.88		
30	10.65	8.07	8.05	8.07	14.75	7.51	7.52	3.04	82.85		