

FIRST ARTICLE INSPECTION REPORT

Part Number: 20098961						Supplier: Hansin Precision Engineering (Shanghai) Co., Ltd											Prepared By: Gan Cheng						
Part Name: LIGHT PIPE						Address: No.529 Block 2 Dongkai Road Dongjing Town Songjiang District Shanghai China											Title: Process Manager						
Part Revision: A						Tool # HSS23010					Cavity # 1					Date Inspected: 10-Apr-2024							
DRAWING SPECIFICATIONS						INSPECTION RESULTS											INSPECTION ANALYSIS					COMMENTS	
ITEM	FEATURE	LOCATION	NOM	+TOL	-TOL	Sample Number					Deviation from Nominal					MEAN	% TOLERANCE		ACCEPT / REJECT		INSPECTION METHOD	SUPPLIER REMARKS	ENGINEERING DISPOSITION
						1					1	2	3	4	5		UPPER	LOWER	HIGH	LOW			
1	Dim	G10	217	0.650	0.650	216.94	216.95	216.96	216.95	216.97	-0.060	-0.050	-0.040	-0.050	-0.030	216.954	0%	9%			SS	N/A	N/A
2	Dim	G10	210.6	0.650	0.650	211.07	211.02	210.95	211.06	211.08	0.470	0.420	0.350	0.460	0.480	211.036	74%	0%	Alert		SS	N/A	N/A
3	R	D11	2.50	0.05	0.05	2.46	2.48	2.46	2.50	2.47	-0.040	-0.020	-0.040	0.000	-0.030	2.474	0%	80%		Alert	SS	N/A	N/A
4	Dim	E8	127.00	0.30	0.30	127.04	127.02	127.06	127.05	127.03	0.040	0.020	0.060	0.050	0.030	127.040	20%	0%			SS	N/A	N/A
5	Dim	E7	344.00	0.575	0.575	344.38	344.23	344.22	344.25	344.23	0.380	0.230	0.220	0.250	0.230	344.262	66%	0%	Alert		SS	N/A	N/A
6	Dim	A6	3.20	0.05	0.05	3.21	3.20	3.20	3.21	3.20	0.010	0.000	0.000	0.010	0.000	3.204	20%	0%			SS	N/A	N/A
7	Dim	A6	2.00	0.05	0.05	2.02	2.00	2.01	2.01	2.00	0.020	0.000	0.010	0.010	0.000	2.008	40%	0%			SS	N/A	N/A
8	Dim	A6	2.50	0.05	0.05	2.54	2.53	2.5.4	2.52	2.53	0.040	0.030		0.020	0.030	2.530	80%	0%	Alert		DC	N/A	N/A
9	Dim	A6	1.50	0.05	0.05	1.52	1.53	1.52	1.52	1.53	0.020	0.030	0.020	0.020	0.030	1.524	60%	0%			DC	N/A	N/A
10	Angle	A6	155.2	1	1	155.60	155.67	155.55	155.58	155.62	0.400	0.470	0.350	0.380	0.420	155.604	47%	0%			CMM	N/A	N/A
11	Dim	A6	13.0	0.10	0.10	12.97	12.95	12.96	12.97	12.95	-0.030	-0.050	-0.040	-0.030	-0.050	12.960	0%	50%			SS	N/A	N/A
12	NOTES	1. RoHS COMPLIANT TO 2011/65/EU AND AMENDMENTS.																			VI	N/A	N/A
13	NOTES	2. MEASUREMENT REPORTING DIMENSIONS MARKED WITH (X) POSTFIXES.																			VI	N/A	N/A
14	NOTES	3. (C) INDICATES PROCESS CONTROL DIMENSION.																			VI	N/A	N/A
15	NOTES	4. (M) INDICATES CRITICAL TO FUNCTION DIMENSION AND DESIGNATOR NUMBER.																			VI	N/A	N/A
16	NOTES	5. MEASUREMENTS MADE WITH THE PART CONSTRAINED TO DATUM "A"																			VI	N/A	N/A
17	NOTES	6. ALL FEATURES ARE DEFINED BY CAD MODEL. FEATURE TOLERANCES ARE DEFINED BY THE TOLERANCE BLOCK UNLESS NOTED ON DRAWING. DIMENSIONS SHOWN ARE PRIMARILY FOR FUNCTION & QUALITY VERIFICATION.																			VI	N/A	N/A
18	NOTES	7. GATE TYPE: COLD RUNNER																			VI	N/A	N/A
19	NOTES	(A) FINISHES/TEXTURES PER CAD COLOR SCHEME: SEE CAD & DRAWING SPECIFIED: MT11000 NONSPECIFIED: SPI B-2 OR BETTER																			VI	N/A	N/A
20	NOTES	(A) TEXTURE TO EXTEND WITHIN 0.2 0.13mm OF PARTING LINES AND EXTREMES OF SURFACES WHERE SHOWN																			VI	N/A	N/A
21	NOTES	10. (C) INDICATES A REVISION CHANGE.																			VI	N/A	N/A