

TO: JEFFERSON SCIENCE ASSOC LLC

page 1 / 7  
Y/M/D 2012/11/15

# FINAL INSPECTION SHEET

HAMAMATSU PHOTONICS K.K.  
SOLID STATE DIVISION

TypeNo. S10931-050P

Quantity 292 pcs

Approved by K. Yamamoto

Note

Inspected by A. Tanaka

Order  Sample  Others

Partial Shipment  Completed Shipment

Condition

- Vop : Operating Voltage at Gain = 7.50E+05
- Dark(0.5p.e.) : 0.5p.e.darkcount at Vop

Parameter	Vop	Dark(0.5p.e.)						
Unit	V	Mcps						
Spec.	Max.	80	10					
	Typ.	70	6					
	Min.	60						

Date Inspected (Y/M/D) :

2012/9/3

25°C

## FINAL INSPECTION SHEET

TypeNo.

S10931-050P

page

2 / 7

Note

Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
65983	72.32	7.50E+05	0.95
65984	72.42	7.50E+05	0.97
65985	72.53	7.50E+05	0.95
65986	72.6	7.50E+05	0.96
65987	72.05	7.50E+05	0.96
65988	72.12	7.50E+05	0.94
65989	72.27	7.50E+05	0.95
65990	72.36	7.50E+05	0.96
65991	72.49	7.50E+05	0.97
65992	72.58	7.50E+05	0.97
65993	72.67	7.50E+05	0.95
65994	72.75	7.50E+05	0.98
65995	72.83	7.50E+05	1
65996	72.88	7.50E+05	1
65997	72.93	7.50E+05	1
65998	72.71	7.50E+05	1
65999	72.79	7.50E+05	1
66000	72.86	7.50E+05	1
66001	72.94	7.50E+05	1
66002	72.97	7.50E+05	1
66003	73	7.50E+05	1
66004	73.01	7.50E+05	0.99
66005	73.03	7.50E+05	1
66006	73.01	7.50E+05	1.1
66007	73.01	7.50E+05	1.1
66008	72.97	7.50E+05	1
66009	72.63	7.50E+05	1.1
66010	72.53	7.50E+05	1.1
66011	72.45	7.50E+05	1.1
66012	72.39	7.50E+05	1
66013	72.28	7.50E+05	1
66014	72.18	7.50E+05	1
66015	72.17	7.50E+05	1
66016	72.24	7.50E+05	1
66017	72.31	7.50E+05	1
66018	72.37	7.50E+05	1
66019	72.45	7.50E+05	1.1
66020	72.87	7.50E+05	1
66021	72.93	7.50E+05	1.1
66022	72.94	7.50E+05	1
66023	72.94	7.50E+05	0.99
66024	72.92	7.50E+05	0.97
66025	72.89	7.50E+05	0.98
66026	72.83	7.50E+05	0.99
66027	72.77	7.50E+05	0.99
66028	72.7	7.50E+05	1
66029	72.62	7.50E+05	1
66030	72.52	7.50E+05	1.1
66031	72.84	7.50E+05	1
66032	72.8	7.50E+05	1

# FINAL INSPECTION SHEET

TypeNo.

S10931-050P

page

3 / 7

Note

Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66033	72.74	7.50E+05	0.98
66034	72.68	7.50E+05	1
66035	72.57	7.50E+05	0.97
66036	72.5	7.50E+05	0.95
66037	72.39	7.50E+05	0.98
66038	72.31	7.50E+05	0.95
66039	72.2	7.50E+05	0.93
66040	72.13	7.50E+05	0.94
66041	72.06	7.50E+05	0.96
66042	72.2	7.50E+05	0.92
66043	72.12	7.50E+05	0.91
66044	72.06	7.50E+05	0.92
66045	72.01	7.50E+05	0.96
66046	71.95	7.50E+05	0.94
66047	71.91	7.50E+05	0.94
66048	71.92	7.50E+05	0.96
66049	71.97	7.50E+05	0.93
66050	71.99	7.50E+05	0.92
66051	71.95	7.50E+05	0.93
66052	71.95	7.50E+05	0.96
66053	72.88	7.50E+05	1.1
66054	72.8	7.50E+05	1.1
66055	72.72	7.50E+05	1.1
66056	72.62	7.50E+05	1.1
66057	72.55	7.50E+05	1.1
66058	72.47	7.50E+05	1.1
66059	72.44	7.50E+05	1.1
66060	72.49	7.50E+05	1.1
66061	72.5	7.50E+05	1.1
66062	72.46	7.50E+05	1.1
66063	72.49	7.50E+05	1.1
66064	73.17	7.50E+05	1
66065	73.18	7.50E+05	1
66066	73.18	7.50E+05	1.1
66067	73.13	7.50E+05	1.1
66068	73.09	7.50E+05	1
66069	73.06	7.50E+05	1.1
66070	73	7.50E+05	1.1
66071	72.94	7.50E+05	1.1
66072	72.89	7.50E+05	1.1
66073	72.8	7.50E+05	1.1
66074	72.56	7.50E+05	1.1
66075	73.13	7.50E+05	1
66076	73.11	7.50E+05	1
66077	73.07	7.50E+05	1
66078	73.05	7.50E+05	1
66079	73.01	7.50E+05	1.1
66080	72.94	7.50E+05	1.1
66081	72.88	7.50E+05	1.1
66082	72.83	7.50E+05	1.1

## FINAL INSPECTION SHEET

TypeNo.

S10931-050P

page

4 / 7

Note

Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66083	72.73	7.50E+05	1.1
66084	72.64	7.50E+05	1
66085	72.36	7.50E+05	1
66086	72.3	7.50E+05	1
66087	72.25	7.50E+05	0.98
66088	72.15	7.50E+05	0.99
66089	72.14	7.50E+05	0.96
66090	72.25	7.50E+05	0.99
66091	72.31	7.50E+05	1
66092	72.45	7.50E+05	0.98
66093	72.52	7.50E+05	1
66094	72.58	7.50E+05	1
66095	72.43	7.50E+05	1
66096	72.5	7.50E+05	1
66097	72.59	7.50E+05	1
66098	72.65	7.50E+05	1
66099	72.73	7.50E+05	1.1
66100	72.79	7.50E+05	1.1
66101	72.83	7.50E+05	1
66102	72.93	7.50E+05	1.1
66103	72.99	7.50E+05	1.1
66104	73.03	7.50E+05	1.1
66105	73.08	7.50E+05	1.1
66106	72.9	7.50E+05	1.1
66107	73	7.50E+05	1.1
66108	73.06	7.50E+05	1.1
66109	73.1	7.50E+05	1.1
66110	73.17	7.50E+05	1.1
66111	73.21	7.50E+05	1.1
66112	73.21	7.50E+05	1.1
66113	73.2	7.50E+05	1
66114	73.19	7.50E+05	1
66115	73.16	7.50E+05	1
66116	73.13	7.50E+05	1
66117	72.87	7.50E+05	1.1
66118	72.81	7.50E+05	1.1
66119	72.73	7.50E+05	1.1
66120	72.52	7.50E+05	1.1
66121	72.49	7.50E+05	1.1
66122	72.51	7.50E+05	1.1
66123	72.54	7.50E+05	1.1
66124	72.52	7.50E+05	1.1
66125	72.56	7.50E+05	1.1
66126	72.65	7.50E+05	1.1
66127	73.23	7.50E+05	1.1
66128	73.23	7.50E+05	1
66129	73.2	7.50E+05	1.1
66130	73.18	7.50E+05	1
66131	73.11	7.50E+05	1.1
66132	73.04	7.50E+05	1.1

## FINAL INSPECTION SHEET

TypeNo.

S10931-050P

page

5/7

Note

Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66133	72.95	7.50E+05	1.1
66134	72.89	7.50E+05	1.1
66135	72.84	7.50E+05	1.1
66136	72.78	7.50E+05	1.1
66137	72.72	7.50E+05	1.1
66138	73.2	7.50E+05	1
66139	73.18	7.50E+05	1
66140	73.12	7.50E+05	1
66141	73.02	7.50E+05	1.1
66142	72.87	7.50E+05	1
66143	72.8	7.50E+05	1
66144	72.73	7.50E+05	1
66145	72.65	7.50E+05	1
66146	72.56	7.50E+05	1
66147	72.81	7.50E+05	1
66148	72.76	7.50E+05	1
66149	72.48	7.50E+05	1
66150	72.43	7.50E+05	1
66151	72.2	7.50E+05	1
66152	72.26	7.50E+05	1
66153	72.37	7.50E+05	1
66154	72.42	7.50E+05	1
66155	72.9	7.50E+05	1
66156	72.98	7.50E+05	1.1
66157	73.04	7.50E+05	1
66158	73.09	7.50E+05	1.1
66159	73.16	7.50E+05	1.1
66160	73.2	7.50E+05	1
66161	73.24	7.50E+05	1
66162	73.25	7.50E+05	1
66163	73.26	7.50E+05	1.1
66164	73.22	7.50E+05	1.1
66165	72.55	7.50E+05	1.1
66166	72.5	7.50E+05	1.1
66167	72.48	7.50E+05	1.1
66168	72.51	7.50E+05	1.2
66169	72.76	7.50E+05	1.1
66170	72.78	7.50E+05	1.1
66171	72.87	7.50E+05	1.1
66172	72.94	7.50E+05	1.1
66173	73.01	7.50E+05	1
66174	73.09	7.50E+05	1
66175	72.58	7.50E+05	1.1
66176	72.65	7.50E+05	1.1
66177	72.71	7.50E+05	1.1
66178	72.75	7.50E+05	1.1
66179	72.83	7.50E+05	1.1
66180	72.94	7.50E+05	1.1
66181	72.98	7.50E+05	1.1
66182	73.07	7.50E+05	1.1

## FINAL INSPECTION SHEET

TypeNo.

S10931-050P

page

6/7

Note

Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66183	73.16	7.50E+05	1
66184	73.19	7.50E+05	1
66185	73.22	7.50E+05	1
66186	72.65	7.50E+05	1
66187	72.76	7.50E+05	1
66188	72.83	7.50E+05	1
66189	72.92	7.50E+05	1
66190	72.99	7.50E+05	1
66191	73.06	7.50E+05	1
66192	73.1	7.50E+05	1.1
66193	73.18	7.50E+05	1.1
66194	73.19	7.50E+05	1.1
66195	73.25	7.50E+05	1
66196	73.26	7.50E+05	1.1
66197	72.57	7.50E+05	1
66198	72.47	7.50E+05	1
66199	72.41	7.50E+05	1
66200	72.33	7.50E+05	1
66201	72.09	7.50E+05	0.97
66202	72.31	7.50E+05	0.99
66203	72.4	7.50E+05	1
66204	72.47	7.50E+05	1
66205	72.57	7.50E+05	0.98
66206	72.68	7.50E+05	0.99
66207	73.2	7.50E+05	1
66208	73.22	7.50E+05	1
66209	73.24	7.50E+05	1
66210	73.22	7.50E+05	1.1
66211	73.19	7.50E+05	1.1
66212	73.17	7.50E+05	1.1
66213	73.1	7.50E+05	1.1
66214	73.07	7.50E+05	1
66215	73	7.50E+05	1
66216	72.93	7.50E+05	1
66217	72.77	7.50E+05	1
66218	72.81	7.50E+05	1
66219	72.77	7.50E+05	1
66220	72.74	7.50E+05	1
66221	72.69	7.50E+05	1
66222	72.63	7.50E+05	1.1
66223	72.58	7.50E+05	1.1
66224	72.59	7.50E+05	1.1
66225	72.63	7.50E+05	1.1
66226	72.68	7.50E+05	1.1
66227	72.75	7.50E+05	1.1
66228	72.72	7.50E+05	1
66229	72.73	7.50E+05	1
66230	72.73	7.50E+05	1
66231	72.74	7.50E+05	0.99
66232	72.8	7.50E+05	1

