

検査成績書

検査日： 2023年11月15日

DATE： 15-Nov-23

M/P/N Product Code No.: NT3621-P52-03

材料コード Material Code No.:

メーカー名: ミツバ電機

Supplier: MITSUBA ELECTRIC CO., LTD.

測定項目 ITEM		1	2 L	R	3	5	7 L	R	8	9	10	11	12	13	14	15	16	17	18	19	20	21 平面度	22 平面度	23 平面度		
測定器具 Measure		S	S	S	S	S	S	S	S	S	S	M	M	S	S	S	S	S	S	S	S	S	S	S		
基準値 DIMENSION		3.400	1.600	1.600	6.300	9.600	6.500	6.500	21.500	21.600	3.600	0.800	0.600	7.500	6.200	5.700	7.900	3.100	7.700	3.100	10.300	0.000	0.000	0.000		
公差 Tolerance	+	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.200	0.100	0.060	0.000	0.200	0.050	0.100	0.100	0.100	0.100	0.100	0.200	0.050	0.050	0.050		
	-	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.200	-0.100	-0.060	-0.030	-0.200	-0.050	-0.100	-0.100	-0.100	-0.100	-0.100	-0.200	0.000	0.000	0.000		
センター値		3.400	1.600	1.600	6.300	9.600	6.500	6.500	21.500	21.600	3.600	0.800	0.585	7.500	6.200	5.700	7.900	3.100	7.700	3.100	10.300	0.025	0.025	0.025		
	230703	3.3981	1.6052	1.6034	6.3021	9.6041	6.5192	6.4979	21.4996	24.5592	3.6162	0.806	0.591	7.4749	6.2088	5.6757	7.9415	3.0645	7.7136	3.0948	10.2382	0.0204	0.0187	0.0222		
		3.3974	1.6062	1.5998	6.302	9.6143	6.5191	6.5018	21.5208	24.5429	3.6011	0.807	0.592	7.4777	6.2089	5.6796	7.9426	3.058	7.7159	3.0961	10.2346	0.023	0.0137	0.0145		
		3.3981	1.6056	1.5994	6.3004	9.5966	6.5163	6.497	21.5273	24.5474	3.6298	0.805	0.591	7.4782	6.2087	5.6734	7.9407	3.0624	7.7169	3.093	10.2356	0.0192	0.0153	0.0209		
		3.3977	1.6056	1.6025	6.302	9.6136	6.5185	6.5016	21.4857	24.5434	3.6399	0.807	0.592	7.4772	6.2091	5.6762	7.9434	3.0602	7.7149	3.0943	10.2367	0.0189	0.0122	0.0125		
		3.3972	1.6072	1.602	6.3007	9.6345	6.5194	6.501	21.4897	24.5463	3.6273	0.805	0.592	7.4792	6.2086	5.6753	7.9467	3.0635	7.7165	3.0972	10.2443	0.0217	0.0179	0.0146		
	230704	3.3958	1.6068	1.6021	6.3021	9.5868	6.5159	6.5021	21.5334	24.5814	3.6341	0.805	0.587	7.4914	6.209	5.6839	7.9502	3.0656	7.7193	3.1001	10.2488	0.0174	0.0099	0.0112		
		3.3909	1.6032	1.6012	6.2994	9.5973	6.5157	6.5007	21.5075	24.5915	3.6338	0.805	0.587	7.4854	6.2066	5.6816	7.9503	3.0673	7.7158	3.1003	10.2383	0.0177	0.0172	0.0156		
		3.3965	1.604	1.6031	6.3017	9.5746	6.5166	6.501	21.5308	24.568	3.5911	0.805	0.586	7.4765	6.2094	5.6813	7.9478	3.0621	7.715	3.0961	10.2407	0.0193	0.0186	0.0205		
		3.3958	1.6039	1.6013	6.3017	9.5625	6.5153	6.5014	21.5219	24.5875	3.6638	0.806	0.587	7.4738	6.2099	5.6811	7.949	3.062	7.7171	3.1027	10.2356	0.0178	0.0119	0.0112		
		3.3959	1.6048	1.6012	6.3021	9.5914	6.5156	6.5022	21.4962	24.5883	3.6475	0.805	0.587	7.4821	6.209	5.6772	7.9485	3.0712	7.7179	3.1004	10.2449	0.0204	0.0133	0.0115		
	230707	3.3979	1.6113	1.6017	6.3013	9.5846	6.5181	6.4985	21.4819	24.5982	3.641	0.806	0.588	7.481	6.2107	5.6837	7.948	3.0643	7.7179	3.0944	10.2419	0.0211	0.021	0.0172		
		3.3981	1.5999	1.5955	6.3005	9.5682	6.5174	6.5007	21.4856	24.6018	3.6479	0.805	0.587	7.4829	6.2108	5.6826	7.929	3.0622	7.7191	3.1051	10.237	0.0214	0.0144	0.0137		
		3.3981	1.5981	1.5957	6.3	9.5658	6.5164	6.4981	21.4931	24.5988	3.6344	0.806	0.587	7.4833	6.2113	5.6806	7.9282	3.0634	7.7187	3.1003	10.234	0.02	0.014	0.0152		
		3.398	1.5988	1.5953	6.3001	9.5762	6.5233	6.507	21.4922	24.6015	3.6429	0.806	0.587	7.4819	6.2115	5.6806	7.9284	3.0619	7.7207	3.098	10.2348	0.0217	0.0181	0.0212		
		3.3973	1.6005	1.5977	6.3006	9.5771	6.5153	6.4986	21.4944	24.6	3.634	0.806	0.588	7.4826	6.2113	5.6838	7.9381	3.0629	7.7174	3.0959	10.2465	0.0203	0.0122	0.0123		
	230710	3.3951	1.6006	1.6026	6.3017	9.5954	6.5156	6.501	21.5113	24.5897	3.6496	0.805	0.586	7.505	6.2096	5.6747	7.9495	3.0658	7.7181	3.1017	10.2421	0.019	0.0111	0.0142		
		3.3963	1.6039	1.601	6.3018	9.574	6.5128	6.4972	21.5228	24.5822	3.6423	0.804	0.586	7.5202	6.2099	5.68	7.9499	3.0695	7.7179	3.1039	10.2362	0.0203	0.0128	0.012		
		3.395	1.6016	1.6018	6.3014	9.5952	6.5163	6.5009	21.535	24.5952	3.6321	0.804	0.586	7.4953	6.2104	5.6802	7.9507	3.0676	7.7184	3.1021	10.2382	0.0203	0.0116	0.0079		
		3.3949	1.6039	1.6023	6.3013	9.5775	6.5163	6.4996	21.5415	24.5927	3.6352	0.804	0.586	7.4769	6.2102	5.6817	7.9496	3.0616	7.7193	3.0982	10.2416	0.0229	0.012	0.0088		
		3.3943	1.6024	1.6023	6.3014	9.5928	6.5158	6.5016	21.5103	24.5894	3.6426	0.805	0.586	7.4847	6.2097	5.6789	7.9508	3.0654	7.7171	3.1021	10.2419	0.0198	0.0141	0.0123		
	230721	3.3971	1.6043	1.6017	6.3012	9.5862	6.5162	6.4995	21.5186	24.5772	3.6374	0.804	0.586	7.5029	6.2097	5.6798	7.9478	3.0695	7.7194	3.102	10.2369	0.0192	0.0269	0.0265		
		3.3955	1.6039	1.6015	6.3008	9.5934	6.5188	6.5125	21.505	24.578	3.6324	0.805	0.588	7.5027	6.207	5.6795	7.951	3.0676	7.7164	3.106	10.2404	0.0209	0.0131	0.0143		
		3.3927	1.6015	1.5991	6.3013	9.5781	6.5153	6.499	21.5221	24.5939	3.6328	0.805	0.587	7.4948	6.2092	5.6779	7.9524	3.0655	7.7143	3.0988	10.2377	0.0187	0.018	0.0177		
		3.3964	1.6035	1.6034	6.3007	9.5704	6.5164	6.4997	21.5162	24.5918	3.6392	0.805	0.587	7.4943	6.21	5.6798	7.9479	3.0562	7.7177	3.1102	10.2419	0.0201	0.012	0.0107		
		3.3962	1.6037	1.6028	6.3005	9.583	6.5204	6.5021	21.5284	24.5735	3.6234	0.804	0.587	7.5164	6.2094	5.6812	7.9479	3.0659	7.7188	3.1093	10.246	0.0198	0.0115	0.0125		
	230728	3.3971	1.6061	1.6011	6.3013	9.5877	6.5173	6.4964	21.4876	24.5838	3.6507	0.807	0.584	7.4758	6.2113	5.6799	7.9402	3.0548	7.7177	3.0946	10.2389	0.0203	0.0146	0.0123		
		3.3989	1.6018	1.5972	6.301	9.596	6.5175	6.4976	21.4881	24.5831	3.6507	0.807	0.585	7.476	6.2114	5.6799	7.9284	3.0544	7.7187	3.0983	10.2355	0.0203	0.0118	0.0129		
		3.3973	1.6054	1.6035	6.3014	9.5994	6.5167	6.4957	21.4893	24.5831	3.6583	0.806	0.585	7.4758	6.211	5.6788	7.9447	3.0543	7.7186	3.0941	10.2399	0.0193	0.0162	0.0143		
		3.3973	1.6017	1.5962	6.3004	9.5552	6.5185	6.5013	21.496	24.5794	3.6618	0.807	0.585	7.4755	6.2104	5.681	7.9287	3.0541	7.7183	3.0896	10.2439	0.0204	0.0164	0.0148		
		3.3969	1.605	1.5998	6.3009	9.5764	6.5177	6.496	21.4815	24.5823	3.658	0.807	0.585	7.4752	6.2102	5.6822	7.9355	3.0542	7.7191	3.098	10.2467	0.0208	0.0108	0.0114		
	230703	3.3977	1.6014	1.5963	6.3004	9.5563	6.5177	6.4992	21.5133	24.5743	3.6386	0.804	0.586	7.4755	6.2115	5.6747	7.9096	3.0524	7.7208	3.0908	10.241	0.0202	0.0133	0.0127		
		3.3966	1.6064	1.6005	6.3009	9.5697	6.5171	6.4964	21.5007	24.5825	3.6299	0.805	0.587	7.4747	6.2098	5.6768	7.9213	3.0547	7.718	3.095	10.2383	0.0202	0.0146	0.0111		
		3.3971	1.6016	1.598	6.3008	9.5566	6.5194	6.5008	21.5032	24.5835	3.6467	0.805	0.586	7.4755	6.2116	5.6768	7.9133	3.0529	7.7207	3.0883	10.2364	0.0207	0.0091	0.0117		
		3.3976	1.6003	1.5973	6.3007	9.562	6.5184	6.4976	21.5156	24.5695	3.6374	0.805	0.586	7.4748	6.2106	5.6732	7.9093	3.0535	7.7198	3.0928	10.2351	0.0196	0.0133	0.0154		
		3.3978	1.6047	1.6001	6.3008	9.5781	6.5151	6.4934	21.5093	24.57	3.6228	0.805	0.587	7.475	6.2104	5.675	7.916	3.055	7.7167	3.0919	10.2415	0.0215	0.0147	0.0129		
	230904	3.397	1.605	1.601	6.301	9.575	6.52	6.504	21.493	24.583	3.645	0.805	0													

			3.396	1.603	1.599	6.301	9.561	6.519	6.503	21.486	24.576	3.653	0.806	0.586	7.495	6.21	5.672	7.925	3.069	7.717	3.103	10.238	0.021	0.015	0.015		
			3.396	1.603	1.6	6.301	9.574	6.521	6.505	21.492	24.578	3.633	0.806	0.587	7.503	6.209	5.673	7.929	3.073	7.718	3.104	10.231	0.018	0.013	0.013		
			3.395	1.604	1.603	6.301	9.574	6.52	6.504	21.489	24.578	3.639	0.805	0.586	7.53	6.209	5.674	7.927	3.086	7.715	3.106	10.242	0.023	0.013	0.007		
		230928	3.3967	1.6071	1.6053	6.3015	9.5818	6.5156	6.4994	21.5527	24.5621	3.6071	0.805	0.586	7.474	6.2101	5.6717	7.9236	3.0545	7.714	3.096	10.2425	0.0218	0.0116	0.0138		
			3.3972	1.6001	1.5988	6.302	9.5684	6.5177	6.5012	21.5456	24.5746	3.5971	0.804	0.588	7.4721	6.2091	5.6751	7.9222	3.0542	7.7148	3.0907	10.2447	0.0217	0.0097	0.0096		
			3.3954	1.6049	1.604	6.3012	9.5882	6.5171	6.5022	21.5436	24.5696	3.6077	0.805	0.589	7.4729	6.2096	5.6703	7.9244	3.0557	7.7136	3.0914	10.2382	0.0205	0.0151	0.0153		
			3.3983	1.6007	1.5988	6.3013	9.5628	6.5171	6.5005	21.5433	24.5657	3.606	0.806	0.586	7.471	6.21	5.6731	7.9213	3.0539	7.7146	3.0917	10.2397	0.0224	0.0113	0.0136		
			3.3966	1.6067	1.6035	6.3013	9.6538	6.5167	6.5005	21.5395	24.5656	3.6034	0.805	0.585	7.4727	6.2098	5.6728	7.9196	3.0544	7.7145	3.0907	10.2475	0.0222	0.0095	0.0108		
		230929	3.3961	1.6074	1.607	6.3015	9.5868	6.5148	6.4981	21.5341	24.6096	3.6433	0.804	0.585	7.4994	6.2092	5.6738	7.9264	3.0714	7.7184	3.1054	10.234	0.0199	0.0128	0.0131		
			3.3953	1.6035	1.6047	6.3014	9.5801	6.5152	6.4984	21.5391	24.6131	3.644	0.804	0.585	7.5296	6.2088	5.6725	7.9232	3.0772	7.7177	3.1028	10.2386	0.0186	0.0127	0.0118		
			3.3956	1.6067	1.6045	6.3013	9.5939	6.5153	6.499	21.5264	24.5995	3.6457	0.804	0.585	7.4814	6.2092	5.671	7.9285	3.0619	7.7185	3.1003	10.2382	0.0232	0.0168	0.0192		
			3.3963	1.6047	1.6053	6.3013	9.5926	6.5146	6.4986	21.5389	24.6035	3.6075	0.803	0.584	7.5027	6.2092	5.6699	7.926	3.0678	7.7179	3.1024	10.2501	0.0196	0.0136	0.0124		
			3.3963	1.6064	1.6065	6.3015	9.5858	6.5148	6.4992	21.5314	24.6025	3.645	0.804	0.585	7.5106	6.209	5.6716	7.9271	3.0733	7.7187	3.0999	10.2422	0.0195	0.011	0.0132		
		231002	3.394	1.6044	1.6049	6.3021	9.6025	6.5136	6.4995	21.5106	24.5861	3.6443	0.804	0.587	7.5009	6.2088	5.674	7.9274	3.0703	7.7188	3.1023	10.249	0.0224	0.0114	0.0106		
			3.3944	1.6068	1.6066	6.3016	9.5957	6.5145	6.5004	21.533	24.5846	3.6395	0.804	0.587	7.503	6.2094	5.6733	7.9256	3.0657	7.7163	3.1005	10.2384	0.0242	0.013	0.0117		
			3.3964	1.6049	1.6037	6.3023	9.6026	6.5118	6.498	21.5395	24.5845	3.6304	0.803	0.586	7.4773	6.2095	5.6712	7.9256	3.0658	7.7162	3.1087	10.2349	0.0216	0.0139	0.0156		
			3.3942	1.6042	1.6053	6.3021	9.6005	6.5126	6.4982	21.5393	24.5778	3.6244	0.804	0.587	7.4797	6.2089	5.6737	7.9253	3.0656	7.7171	3.1011	10.2451	0.0219	0.0158	0.0149		
			3.395	1.6066	1.6055	6.302	9.6013	6.514	6.5	21.5162	24.5868	3.6262	0.804	0.586	7.4983	6.21	5.6729	7.9263	3.07	7.7162	3.101	10.2466	0.0229	0.0111	0.0109		
		231003	3.3965	1.6065	1.6037	6.3004	9.5908	6.5151	6.4978	21.5448	24.5784	3.6191	0.803	0.585	7.4717	6.209	5.6722	7.9232	3.0579	7.7179	3.1027	10.2405	0.0231	0.014	0.0178		
			3.3962	1.6061	1.6055	6.3022	9.6094	6.5115	6.4972	21.5268	24.5819	3.6342	0.803	0.585	7.4893	6.2094	5.6703	7.9222	3.0696	7.7173	3.106	10.2475	0.0216	0.0146	0.0114		
			3.3953	1.604	1.605	6.3018	9.5949	6.513	6.4994	21.5403	24.5868	3.6204	0.802	0.586	7.4952	6.2098	5.6705	7.9236	3.0655	7.7186	3.0985	10.2447	0.021	0.0092	0.0109		
			3.3959	1.6045	1.605	6.302	9.592	6.5144	6.4989	21.5424	24.5815	3.6344	0.803	0.585	7.5012	6.2088	5.6728	7.9234	3.0674	7.7174	3.1016	10.2503	0.0211	0.0123	0.0095		
			3.3956	1.6052	1.6041	6.3019	9.6011	6.5116	6.4993	21.5345	24.5847	3.6248	0.803	0.585	7.4914	6.209	5.6686	7.9267	3.0656	7.7196	3.1018	10.2452	0.0208	0.0154	0.0135		
		231004	3.3952	1.6055	1.6016	6.3019	9.5949	6.5159	6.4992	21.5462	24.5996	3.6077	0.804	0.586	7.5207	6.2086	5.67	7.9275	3.0719	7.7173	3.1031	10.2469	0.0208	0.0084	0.0098		
			3.3949	1.6047	1.6014	6.3008	9.6024	6.5157	6.5017	21.5368	24.587	3.6069	0.803	0.585	7.489	6.209	5.6725	7.9298	3.0584	7.7161	3.1046	10.2352	0.0215	0.0122	0.0162		
			3.391	1.6041	1.5985	6.3022	9.5903	6.5156	6.502	21.5269	24.5865	3.6266	0.804	0.585	7.5036	6.2081	5.6712	7.9295	3.0697	7.7137	3.1035	10.247	0.0193	0.01	0.0099		
			3.3949	1.6044	1.6023	6.3015	9.6013	6.5146	6.4987	21.5344	24.5772	3.6066	0.803	0.586	7.4875	6.2073	5.6714	7.9261	3.0713	7.7169	3.1043	10.2412	0.0207	0.0154	0.0141		
			3.3952	1.6036	1.6016	6.3014	9.589	6.5146	6.499	21.5294	24.5828	3.6132	0.804	0.586	7.5193	6.2082	5.6724	7.9257	3.0807	7.7162	3.109	10.2379	0.0221	0.0065	0.0097		
%tolerance	UPPER		-1.1%	11.3%	7.0%	2.3%	53.8%	23.3%	12.5%	52.7%	6.5%	63.8%	11.7%	46.7%	15.0%	23.2%	-16.1%	52.4%	-14.0%	20.8%	10.2%	-24.9%	-3.2%	7.6%	6.4%		
	LOWER		-9.1%	-1.9%	-4.7%	-0.6%	-44.8%	11.5%	-6.6%	-18.5%	-28.6%	-8.9%	3.3%	-6.7%	-14.5%	13.2%	-31.4%	9.3%	-47.6%	13.6%	-11.7%	-34.5%	-30.4%	-74.0%	-72.0%		
Judgment(50%)			OK	OK	OK	OK	Measure More	OK	OK	Measure More	OK	Measure More	OK	OK	OK	OK	OK	Measure More	OK	OK	OK	OK	Measure More	Measure More			
MAX			3.3989	1.6113	1.607	6.3023	9.6538	6.5233	6.5125	21.5527	24.6131	3.6638	0.807	0.592	7.53	6.2116	5.6839	7.9524	3.086	7.7208	3.1102	10.2503	0.0242	0.0269	0.0266		
MIN			3.3909	1.5981	1.5953	6.2994	9.5552	6.5115	6.4934	21.4815	24.5429	3.5911	0.802	0.584	7.471	6.2066	5.6686	7.9093	3.0524	7.7136	3.0883	10.231	0.0174	0.0065	0.007		
R			0.008	0.0132	0.0117	0.0029	0.0986	0.0118	0.0191	0.0712	0.0702	0.0727	0.005	0.008	0.059	0.005	0.0153	0.0431	0.0336	0.0072	0.0219	0.0193	0.0068	0.0204	0.0196		
AVE			3.3961	1.6041	1.6017	6.3013	9.5868	6.5165	6.5001	21.5173	24.582	3.632	0.8048	0.5866	7.4894	6.2096	5.6759	7.9331	3.0639	7.7173	3.0996	10.2406	0.0207	0.0135	0.0135		
n-1			0.0015	0.0024	0.0029	0.0006	0.018	0.0024	0.0029	0.0206	0.0147	0.0165	0.0012	0.0018	0.0158	0.001	0.0042	0.0118	0.0073	0.0018	0.0052	0.0047	0.0015	0.0032	0.0035		
Cp			22.2222	13.8889	11.4943	55.5556	1.8519	13.8889	11.4943	1.6181	4.5351	2.0202	16.6667	3.0741	4.2194	16.6667	7.9365	2.8249	4.5662	18.5185	6.4103	14.1844	6.5111	3.8021	3.4762		
Cpk			21.3555	13.3195	11.2989	54.8334	1.6074	11.5972	11.4828	1.3382	4.1269	1.3737	15.3334	3.0741	3.9958	13.4667	6.0238	1.8899	2.9178	15.3148	6.3847	9.9716	6.5111	3.8021	3.4762		
Spec	OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
CIPK判定	OK		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
			測定器具 K:測定顕微鏡 (Microscope) G:ピンゲージ (Pin-Gauge) M:マイクロメータ (Micrometer) P:マイクロプロッター (Micro Protter) N:ノギス (Vernier Caliper) T:投影機 (Projector)																								
			Measure S:三次元測定機 (CNC Video Measuring Systems) その他【 D:デジマイクロ (DigiMicro) B: () C: () 】																								

初期流動検査記録

品番: NT3621-P52

No.	検査日	ロットNo.	検査数	不良数	不良率	原因・対策
1	7月14日	230703	14565	124	0.85%	
2	7月26日	230704	1447	290	20.04%	打痕
3	7月26日	230707	10117	90	0.89%	
4	7月27日	230710	2520	23	0.91%	
5	7月28日	230721	2456	5	0.20%	
6	8月2日	230728	10062	18	0.18%	
7	8月8日	230803	3734	3	0.08%	
8	10月2日	230904	1563	5	0.32%	
9	10月4日	230928	4024	9	0.22%	
10	10月5日	230929	2369	40	1.69%	
11	10月5日	231002	2726	35	1.28%	
12	10月6日	231003	6939	6	0.09%	
13	10月20日	231004	5259	87	1.65%	
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TOTAL			67781	735	1.08%	

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