



Customer **The QC Group**
 Date **January 9, 2015**
 Inspector **Burt Macklin**
 WO# **2015xxxx-W01**

Part Name **Terminal Board**
 Part # **20051352**
 Rev. **-3**
 Lot # **12345**



Results are reported in **INCHES**

DIM #	NOMINAL	+TOL	-TOL	DESCRIPTION	PART 1	PART 2	PART 3	INSPECTION EQUIPMENT USED
					Actual	Actual	Actual	
1	.517	.010	.010	Width	.5139	.5142	.5137	Vision CMM 1204
2	.283	.005	.005	Distance	.2859	.2857	.2861	Vision CMM 1204
3	.000	.010	.000	Parallelism	.0103	.0096	.0098	Vision CMM 1204
4	.300	.005	.005	Distance	.3043	.3041	.3044	Vision CMM 1204
5	.525	.005	.005	Height	.5232	.5233	.5236	Vision CMM 1204
6	.485	.005	.005	Height	.4904	.4905	.4903	Vision CMM 1204
7	1.245	.005	.005	Height	1.2455	1.2450	1.2455	Drop Indicator 2064
8	.095	.005	.005	Distance	.0932	.0934	.0934	Vision CMM 1204
9	.000	.005	.000	Flatness	.0012	.0015	.0011	Vision CMM 1204
10	.525	.005	.005	Height	.5273	.5275	.5275	Drop Indicator 2064
11	.250	.005	.005	Height	.2451	.2449	.2448	Drop Indicator 2064
13A	.174	.005	.005	Diameter	.1764	.1768	.1766	Vision CMM 1204
				FEATURE BONUS FOR MMC:	.0074	.0078	.0076	Calculated
12A	.000	.010	.000	Position	.0064	.0056	.0062	Calculated
14	.500			X Basic	.5031	.5027	.5030	Vision CMM 1204
25	2.449			Y Basic	2.4497	2.4498	2.4497	Vision CMM 1204
13B	.174	.005	.005	Diameter	.1774	.1773	.1774	Vision CMM 1204
				FEATURE BONUS FOR MMC:	.0084	.0083	.0084	Calculated
12B	.000	.010	.000	Position	.0116	.0111	.0112	Calculated
15	2.140			X Basic	2.1453	2.1452	2.1452	Vision CMM 1204
18	1.300			Y Basic	1.2977	1.2980	1.2979	Vision CMM 1204
13C	.174	.005	.005	Diameter	.1705	.1706	.1704	Vision CMM 1204
				FEATURE BONUS FOR MMC:	.0015	.0016	.0014	Calculated
12C	.000	.010	.000	Position	.0117	.0117	.0116	Calculated
22	1.190			X Basic	1.1925	1.1927	1.1921	Vision CMM 1204
20	1.520			Y Basic	1.5147	1.5148	1.5146	Vision CMM 1204
13A	.174	.005	.005	Diameter	.1764	.1768	.1766	Vision CMM 1204
13B	.174	.005	.005	Diameter	.1774	.1773	.1774	Vision CMM 1204
13C	.174	.005	.005	Diameter	.1705	.1706	.1704	Vision CMM 1204
14	.500			Basic Distance	.5031	.5027	.5030	Vision CMM 1204
15	2.140			Basic Distance	2.1453	2.1452	2.1452	Vision CMM 1204
16	.120	.005	.005	Radius	.1215	.1218	.1220	Vision CMM 1204
17	2.676	.005	.005	Radius	2.6741	2.6743	2.6737	Vision CMM 1204
18	1.300			Basic Distance	1.2977	1.2980	1.2979	Vision CMM 1204
19	.260	.005	.005	Distance	.2590	.2591	.2595	Vision CMM 1204
20	1.520			Basic Distance	1.5147	1.5148	1.5146	Vision CMM 1204
21	.000	.010	.000	Profile	.0070	.0098	.0104	Calculated
	.000	.005	.005	Min. Point	.0032	.0043	.0049	Touch Probe CMM 2185
	.000	.005	.005	Max. Point	.0035	.0049	.0052	Touch Probe CMM 2185
22	1.190			Basic Distance	1.1925	1.1927	1.1921	Vision CMM 1204
24	2.049	.005	.005	Diameter	2.0465	2.0468	2.0470	Vision CMM 1204
				FEATURE BONUS FOR MMC:	.0025	.0028	.0030	Calculated
23	.000	.01	.000	Position	.0081	.0088	.0087	Calculated
B	.000			X Basic	.0021	.0024	.0028	Vision CMM 1204
B	.000			Y Basic	.0035	.0037	.0033	Vision CMM 1204
24	2.042	.005	.005	Diameter	2.0465	2.0468	2.0470	Vision CMM 1204
25	2.449			Basic Distance	2.4497	2.4498	2.4497	Vision CMM 1204
26	.159	.005	.005	Distance	.1590	.1591	.1591	Vision CMM 1204
27	.254	.005	.005	Distance	.2550	.2551	.2551	Vision CMM 1204
28	.507	.005	.005	Distance	.5062	.5064	.5063	Vision CMM 1204
29	.666	.005	.005	Distance	.6637	.6636	.6640	Vision CMM 1204



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DIM #	NOMINAL	+TOL	-TOL	DESCRIPTION	Actual	Actual	Actual	EQUIPMENT USED
30	.295	.005	.005	Distance	.2950	.2950	.2951	Vision CMM 1204
31	.052	.005	.005	Distance	.0521	.0523	.0522	Vision CMM 1204
32	.530	.005	.005	Distance	.5340	.5344	.5342	Vision CMM 1204
33	.825	.005	.005	Distance	.8301	.8300	.8303	Vision CMM 1204
34	.360	.005	.005	Height	.3599	.3597	.3599	Drop Indicator 2064
35	1.205	.005	.005	Height	1.2064	1.2061	1.2066	Drop Indicator 2064

1. Equipment marked with an asterisk * fall outside The QC Group's A2LA accreditation for measurement.

Notes: 2. Results highlighted yellow are near the high or low limit (>80% of the tolerance). Results in red text are out of tolerance.