

Component Dimensional Check

Technician	Peter Schmidt
Inspection Date	2024-01-30

Review recorded tolerances against engineering specifications. Ensure measurement methods align with calibration standards. Use this results summary to trigger any corrective actions. Please review the inspection results for each component listed below.

Product Ref	PL-601Z	CE-905L	GH-770J	MR-160H	QN-770H	PL-601Z
Component	Graphite Pad	Power Switch	Rubber Gasket 80mm	O-Ring NBR 60mm	Rubber Gasket 80mm	Hex Bolts M12
Measurement	Height	Hole Ø	Hole Ø	Thickness	Depth	Length
Nominal	14.75	35.11	95.67	24.79	53.40	73.06
Observed	14.92	35.28	95.78	24.94	53.25	72.95
Diff	+0.17	+0.17	+0.11	+0.15	-0.15	-0.11
Pass/Fail	OK	OK	OK	OK	OK	OK

Ensure all measuring tools were properly calibrated. Ensure status flags are updated in the quality management system. Refer to deviation column for any out-of-tolerance measurements. Confirm that pass rates meet the defined acceptance criteria.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
Micrometer	46553	2025-04-24
Laser Scanner	49534	2024-11-11
CMM	58756	2025-05-27