

Component Dimensional Check

Inspection performed by Carlos Garcia on 2025-01-14.

This summary of measurements supports metrology traceability. Please review the inspection results for each component listed below. Review recorded tolerances against engineering specifications. Ensure measurement methods align with calibration standards. Below are the recorded measurements compared against nominal tolerances.

Environmental Conditions: Temperature: 22.4 °C, Humidity: 50 %

Product Ref	Component	Dim.	Nominal	Observed	Diff	Status (V/X)
QN-770H	O-Ring NBR 60mm	Hole Ø	71.55	71.39	-0.16	OK
GL-980S	O-Ring NBR 60mm	Length	23.78	23.90	+0.12	OK
NE-245A	Power Switch	Thickness	45.43	45.61	+0.18	OK
GH-770J	O-Ring NBR 60mm	Length	60.02	60.07	+0.05	OK
VR-940T	Battery Pack	Hole Ø	57.80	57.76	-0.04	OK
NU-440Z	Battery Pack	Length	73.71	73.75	+0.04	OK
QN-770H	Steel Sheet A36	Depth	98.98	98.80	-0.18	OK
AZ-300T	Battery Pack	Hole Ø	12.45	12.64	+0.19	OK
ZR-205R	O-Ring NBR 60mm	Length	72.37	72.36	-0.01	OK
MC-540X	Rubber Gasket 80mm	Hole Ø	47.58	47.57	-0.01	OK