

# Dimensional Log

Inspection performed by Peter Schmidt on 2023-11-12.

Use this results summary to trigger any corrective actions. Review recorded tolerances against engineering specifications. This summary of measurements supports metrology traceability. The following data captures key dimensions and any deviations identified. Check that all dimensions comply with ISO and company standards.

**Environmental Conditions:** Temperature: 20.6 °C, Humidity: 42 %

Item Code	Part Name	Measurement	Nominal	Actual	Delta	Status (V/X)
MX-450L	Plastic Rivets	Depth	25.84	25.68	-0.16	V
KP-320E	Rubber Gasket 80mm	Depth	98.33	98.15	-0.18	V
MX-450L	Hex Bolts M12	Inner Diameter	72.48	72.42	-0.06	V
LK-890B	Hinge Set	Height	11.39	11.34	-0.05	V
HF-390A	Hinge Set	Thickness	34.85	34.77	-0.08	V
TX-820V	Steel Sheet A36	Thickness	9.13	9.14	+0.01	V
KV-390K	Hinge Set	Length	99.64	99.74	+0.10	V
MR-160H	Power Switch	Hole Ø	21.35	21.21	-0.14	V
SB-140D	Plastic Rivets	Thickness	82.32	82.24	-0.08	V
TY-350G	Battery Pack	Depth	68.91	68.96	+0.05	V
MC-540X	Graphite Pad	Height	83.47	83.39	-0.08	V
VR-940T	Battery Pack	Hole Ø	90.69	90.65	-0.04	V