

Tolerance Check

Inspection performed by Jan Kowalski on 2024-05-26.

Ensure measurement methods align with calibration standards. The following data captures key dimensions and any deviations identified. All measured values are timestamped for audit purposes. This report presents the dimensional measurements and inspection results. Please review the inspection results for each component listed below.

Environmental Conditions: Temperature: 23.6 °C, Humidity: 59 %

| Product Ref | Component | Dim. | Target | Observed | Delta | Status (V/X) |
|-------------|-----------------|----------------|--------|----------|-------|--------------|
| KP-320E | Plastic Rivets | Thickness | 40.56 | 40.56 | +0.00 | V |
| TY-350G | Hex Bolts M12 | Height | 9.84 | 9.88 | +0.04 | V |
| RM-860N | Plastic Rivets | Depth | 92.50 | 92.51 | +0.01 | V |
| GH-770J | Bearing 6202 ZZ | Hole Ø | 92.37 | 92.56 | +0.19 | V |
| PL-601Z | Bearing 6202 ZZ | Inner Diameter | 65.21 | 65.32 | +0.11 | V |
| ZR-205R | O-Ring NBR 60mm | Height | 33.37 | 33.31 | -0.06 | V |
| ZR-205R | Power Switch | Height | 15.02 | 14.89 | -0.13 | V |
| VF-220D | Plastic Rivets | Inner Diameter | 37.48 | 37.37 | -0.11 | V |
| CE-905L | Hinge Set | Length | 60.92 | 61.03 | +0.11 | V |
| DX-777T | Battery Pack | Hole Ø | 82.51 | 82.66 | +0.15 | V |