HAMMOND MANUFACTURING

*Quality Products. Service Excellence.*

# Diecast Aluminum Enclosures *1550 Series*

**Standard & Water-Tight Options**

RoHS

## Features

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.
- Available in natural vibra finish OR in light textured, black powder paint.
- Unpainted version is vibra finished for a smooth surface with no sharp edges.
- Painted version is painted with tough satin black polyester powder paint for a lasting finish, even after machining. Black screws are included to enhance the assembled appearance.
- Lap joint construction protection against access of dust and splashing water. Also provides for improved EMI/RFI shielding. When water-tight gaskets are installed,
- Four M3.5 x 0.6 x 12 mm long stainless steel, Philips head, machine screws secure lid - into factory tapped holes.
- Designed to meet IP 54 without a gasket or IP66 with a gasket. IP67 upgraded gaskets are available.
- No internal ribs for easy installation of connectors without interference or additional milling.
- Low side wall draft angle (2 degrees or less) for easy P.C. board mounting.
- Add 0.16" (4 mm) to enclosure depth for lid

**Replacement Hardware**

- Replacement screws for the unpainted series - **1550MS100** - Package of 100
- Replacement screws for the black series - **1550MS100BK** - Package of 100

**Upgrade To Tamper-Resistant (Torx With Pin) Hardware**

- Tamper-resistant screws for the unpainted series - **1550MS50T**- Package of 50
- Tamper-resistant screws for the black series -**1550MS50TBK** - Package of 50
- Driver bit for tamper-proof screws - **SCDRIVET15-B**

## Accessory Gasket Kits

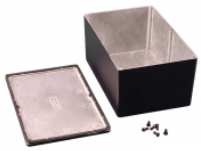
- **IP66**
  - Each kit includes two pre-formed economical EVA foam gaskets.
  - Gaskets include adhesive backing for easy installation.
  - Allows enclosure to be machined and/or painted first and gasketed later
  - Gasket is applied to the lid (see photo example below).
  - Designed to meet IP 66 (with properly installed gasket and lid screws torqued at 55 cN.m).

- **IP67 Upgrade**
  - Each kit includes two pre-formed silicone gaskets.
  - Gaskets include adhesive backing for easy installation.
  - Allows enclosure to be machined and/or painted first and gasketed later.
  - Gasket is applied to the lid (see photo example below).
  - Tested to meet IP 67 (with properly installed gasket and lid screws torqued at 55 cN.m).

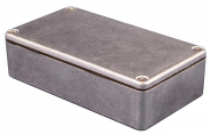
## Photo Features (click to enlarge):

Available in natural (plain aluminum) finish or with black powder coat.

All sizes available with or without water-tight gaskets. Gasket shipped loose inside enclosure (shown installed).



Smooth internal walls make installing connectors easy.



Shown here with gasket installed.

Gasket retainer on the lid makes for accurate, steady positioning of critical seals.

IP66 or IP67 gasket kits with adhesive back also sold separately.

| Without Gasket Included | | Includes IP66 Gasket | | | | | Replacemenr & Upgrade | |
|---|---|---|---|---|---|---|---|---|
| Part No. Unpainted | Part No. Black | Part No. Unpainted | Part No. Black | Length | Width | Enclosure Depth (Less Lid) | Gasket Kits (Sold As Pairs) IP66 | IP67 |
| 1550Q | 1550QBK | 1550WQ | 1550WQBK | 2.36 | 2.17 | 1.02 | 1550QEGASKET | 1550QSGASKET |
| 1550P | 1550PBK | 1550WP | 1550WPBK | 3.15 | 2.17 | 0.83 | 1550PEGASKET | 1550PSGASKET |
| 1550A | 1550ABK | 1550WA | 1550WABK | 3.50 | 1.38 | 1.02 | 1550AEGASKET | 1550ASGASKET |
| 1550B | 1550BBK | 1550WB | 1550WBBK | 4.51 | 2.52 | 1.02 | 1550BEGASKET | 1550BSGASKET |
| 1550D | 1550DBK | 1550WD | 1550WDBK | 4.51 | 2.52 | 2.01 | 1550BEGASKET | 1550BSGASKET |
| 1550C | 1550CBK | 1550WC | 1550WCBK | 4.53 | 3.54 | 2.01 | 1550CEGASKET | 1550CSGASKET |
| 1550M | 1550MBK | 1550WM | 1550WMBK | 4.74 | 3.95 | 1.23 | 1550MEGASKET | 1550MSGASKET |
| 1550K | 1550KBK | 1550WK | 1550WKBK | 5.51 | 4.02 | 2.85 | 1550KEGASKET | 1550KSGASKET |
| 1550L | 1550LBK | 1550WL | 1550WLBK | 6.51 | 5.02 | 2.85 | 1550LEGASKET | 1550LSGASKET |
| 1550E | 1550EBK | 1550WE | 1550WEBK | 6.73 | 4.76 | 2.01 | 1550EEGASKET | 1550ESGASKET |
| 1550F | 1550FBK | 1550WF | 1550WFBK | 6.73 | 4.76 | 3.98 | 1550EEGASKET | 1550ESGASKET |
| 1550G | 1550GBK | 1550WG | 1550WGBK | 8.74 | 5.75 | 2.01 | 1550GEGASKET | 1550GSGASKET |
| 1550H | 1550HBK | 1550WH | 1550WHBK | 8.74 | 5.75 | 3.98 | 1550GEGASKET | 1550GSGASKET |
| 1550N | 1550NBK | 1550WN | 1550WNBK | 9.85 | 9.85 | 3.82 | 1550NEGASKET | 1550NSGASKET |
| 1550J | 1550JBK | 1550WJ | 1550WJBK | 10.83 | 6.89 | 2.46 | 1550JEGASKET | 1550JSGASKET |

Notes: Add 0.16" (4 mm) to enclosure depth for lid. Available in natural vibra finish OR in light textured, black powder paint

*Data subject to change without notice*

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Живое партнерство

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*Тел: +7 (812) 336 43 04 (многоканальный)*
*Email: org@lifeelectronics.ru*

***www.lifeelectronics.ru***