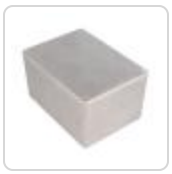
Diecast Aluminum Enclosures *1550 Series*

Standard & Water-Tight Options









RoHS

Features

- Rugged diecast aluminum electronic instrument enclosure.
- Diecast aluminum is tough yet easy to machine.
- Available in natural vibra finish and in textured black powder coat.
- 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.
- 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° less) for easy PC board mounting.
- Add 0.16" (4 mm) to enclosure depth for lid

Replacement Hardware

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

Upgrade To Tamper-Resistant (Torx With Pin) Hardware

- Tamper-resistant screws for unpainted versions - **1550MS50T**- Package of 50
- Tamper-resistant screws for black versions -**1550MS50TBK** - Package of 50
- Driver bit for tamper-proof screws - **SCDRIVET15-2**

Accessory Gasket Kits

- **IP66**
  - Each kit includes two pre-formed economical EVA foam gaskets.
  - Gaskets include adhesive backing for easy installation on the lid.
  - Designed to meet IP66 (with properly installed gasket and lid screws torqued at 55 cN.m).
  - EVA Foam gasket is rated up to 65°C (149°F).
- **IP67 Upgrade**
  - Each kit includes two pre-formed silicone gaskets.
  - Gaskets include adhesive backing for easy installation on the lid.
  - Tested to meet IP67 (with properly installed gasket and lid screws torqued at 55 cN.m).
  - Silicone gasket has a temperature rating of -40°C to +150°C (-40°F to 302°F).

Photo Features (click to enlarge):

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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					Replacement & Upgrade Gasket Kits (Sold As Pairs)	
Part No. Unpainted	Part No. Black	Part No. Unpainted	Part No. Black	Length	Width	Height	IP66	IP67
1550Q	1550QBK	1550WQ	1550WQBK	60	55	30	1550QEGASKET	1550QSGASKET
1550P	1550PBK	1550WP	1550WPBK	80	55	25	1550PEGASKET	1550PSGASKET
1550A	1550ABK	1550WA	1550WABK	89	35	30	1550AEGASKET	1550ASGASKET
1550B	1550BBK	1550WB	1550WBBK	115	64	30	1550BEGASKET	1550BSGASKET
1550D	1550DBK	1550WD	1550WDBK	115	64	55	1550BEGASKET	1550BSGASKET
1550C	1550CBK	1550WC	1550WCBK	115	90	55	1550CEGASKET	1550CSGASKET
1550M	1550MBK	1550WM	1550WMBK	120	100	35	1550MEGASKET	1550MSGASKET
1550K	1550KBK	1550WK	1550WKBK	140	102	77	1550KEGASKET	1550KSGASKET
1550L	1550LBK	1550WL	1550WLBK	165	127	77	1550LEGASKET	1550LSGASKET
1550E	1550EBK	1550WE	1550WEBK	171	121	55	1550EEGASKET	1550ESGASKET
1550F	1550FBK	1550WF	1550WFBK	171	121	105	1550EEGASKET	1550ESGASKET
1550G	1550GBK	1550WG	1550WGBK	222	146	55	1550GEGASKET	1550GSGASKET
1550H	1550HBK	1550WH	1550WHBK	222	146	105	1550GEGASKET	1550GSGASKET
1550N	1550NBK	1550WN	1550WNBK	250	250	101	1550NEGASKET	1550NSGASKET
1550J	1550JBK	1550WJ	1550WJBK	275	175	67	1550JEGASKET	1550JSGASKET

NOTE: Dimensions include lid. Lid height is 4mm (0.16").

Tags: **diecast**, **electronic**, **die cast**, **screw down cover**, **board enclosure**, **stomp box**, **project box**, **watertight**

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