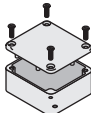


# HAMMOND Diecast Aluminum and Watertight Enclosures



## DIECAST ALUMINUM ENCLOSURES

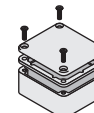
- Lap joint construction protection against access of dust and splashing water. Also provides for improved EMI/RFI shielding.
- Four M3.5 x 0.6mm stainless steel, Phillips head, machine screws secure lid into factory tapped holes.
- Designed to meet IP54



RoHS compliant This product is RoHS compliant.

## WATERTIGHT, LIGHT DUTY DIECAST ALUMINUM ENCLOSURES

- Lap joint construction with a self-adhesive, EVA foam gasket for the lid provides protection against access of dust and water.
- Designed to meet IP66



MOUSER STOCK NO.		Dimension: in.			Price Each			
Mfr.	Mfr. Part No.	H	W	D	1	5	10	25
Color: Unfinished								
546	1550Q	2.36	2.17	1.02	6.10	5.40	5.10	4.91
546	1550P	3.15	2.17	0.83	7.10	6.29	5.91	5.72
546	1550A	3.50	1.38	1.02	6.06	6.02	5.68	5.48
546	1550B	4.51	2.25	1.02	8.10	7.17	6.77	6.52
546	1550D	4.51	2.52	2.01	10.00	8.85	8.35	8.05
546	1550C	4.53	3.54	2.01	11.60	10.36	9.66	9.07
Color: Black								
546	1550QBK	2.36	2.17	1.02	9.10	7.99	7.58	7.34
546	1550PBK	3.15	2.17	0.83	10.10	8.94	8.41	8.13
546	1550ABK	3.50	1.38	1.02	8.73	8.68	8.19	7.89
546	1550BBK	4.51	2.25	1.02	11.10	9.83	9.27	8.94
546	1550DBK	4.51	2.52	2.01	13.00	11.61	10.83	10.16
546	1550CBK	4.53	3.54	2.01	14.60	13.04	12.16	11.41

MOUSER STOCK NO.		Dimension: in.			Price Each			
Mfr.	Mfr. Part No.	H	W	D	1	5	10	25
Color: Unfinished								
546	1550WQ	2.36	2.17	1.02	6.50	5.76	5.41	5.24
546	1550WP	3.15	2.17	0.83	7.50	6.64	6.25	5.76
546	1550WA	3.50	1.38	1.02	7.20	6.43	6.00	5.53
546	1550WB	4.51	2.25	1.02	8.50	7.46	7.08	6.86
546	1550WD	4.51	2.52	2.01	10.40	9.29	8.66	8.00
546	1550WC	4.53	3.54	2.01	12.00	10.72	10.00	9.66
Color: Black								
546	1550WQBK	2.36	2.17	1.02	9.50	8.49	7.91	7.65
546	1550WPBK	3.15	2.17	0.83	10.50	9.30	8.75	8.46
546	1550WABK	3.50	1.38	1.02	10.20	9.11	8.50	7.84
546	1550WBBK	4.51	2.25	1.02	11.50	10.27	9.58	8.84
546	1550WDBK	4.51	2.52	2.01	13.40	11.86	11.16	10.30
546	1550WCBK	4.53	3.54	2.01	13.35	13.28	12.53	12.08

## WATERTIGHT, THICK WALL DIECAST ALUMINUM ENCLOSURES

### R190 Series & R191 Series

- Shallow lid, deep body, thermoplastic gasket
- Integrated 1.7mm recess in lid for membrane keypads and front panels
- Clip-on design covers
- Degree of protection: 1 4X, IP67

MOUSER STOCK NO.		Fig.	Dimension: in.			Price Each			
Mfr.	Mfr. Part No.		H	W	D	1	5	10	25
Color: Gray (R190 Series)									
546	R190-110-000	A	4.30	5.50	2.40	92.63	89.91	84.46	81.74
546	R190-132-000	A	5.10	8.70	2.80	126.11	118.46	113.24	111.27
546	R190-130-000	A	5.10	6.30	2.80	115.45	111.00	106.57	92.36
546	R190-112-000	A	4.30	7.90	2.40	102.34	98.39	93.74	81.88
546	R190-170-000	A	6.70	7.90	2.40	131.17	126.15	121.08	104.95
546	R190-152-000	A	5.90	10.20	2.40	128.58	123.63	118.68	102.86
546	R190-172-000	A	6.70	11.00	2.40	146.98	141.06	132.24	123.42
Color: Gray (R191 Series)									
546	R191-092-000	A	3.50	6.30	2.40	74.90	72.70	68.29	66.09
546	R191-074-000	A	2.70	7.10	1.90	75.51	73.29	68.85	66.63
546	R191-150-000	A	5.90	7.10	3.50	123.52	119.89	112.62	108.99
546	R191-170-000	A	6.70	7.90	3.50	141.85	131.95	126.12	125.17
546	R191-200-100	A	7.90	9.10	4.70	259.05	248.19	235.18	222.65
546	R191-094-000	A	3.50	9.80	2.40	106.27	103.14	96.89	93.77
546	R191-202-100	A	7.90	13.00	4.70	323.60	314.08	295.04	285.53
546	R191-090-000	A	3.50	4.70	2.40	65.04	62.60	60.72	56.85
546	R191-172-000	A	6.70	11.00	3.50	167.10	160.19	155.23	146.10

### R270-271 Series

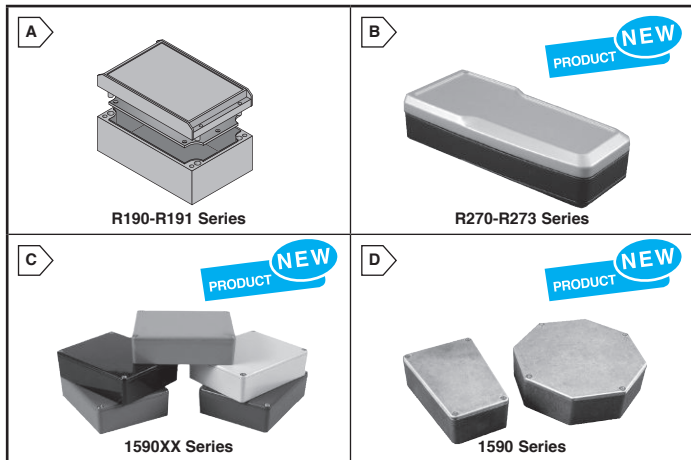
- Diecast aluminum heavy duty held
- Gasket lid
- Designed to meet IP66
- R271-No battery compartment

MOUSER STOCK NO.		Fig.	Dimension: in.			Price Each			
Mfr.	Mfr. Part No.		H	W	D	1	5	10	25
Color: Light Gray									
546	R270-080-000	B	7.09	3.15	1.67	146.03	141.74	133.15	128.85
546	R270-100-000	B	8.66	3.94	1.67	225.10	218.48	205.24	198.62
546	R271-100-000	B	8.66	3.94	2.46	168.78	163.81	153.88	148.92

### 1590 Series

- Rugged, diecast aluminum alloy (tough - yet easy to machine), electronic instrument enclosure
- Painted "Stomp Box" versions are coated with a smooth gloss polyester powder paint for a lasting finish, even after machining
- Smooth paint allows for easy adhesion of labels and/or silk screens
- Paint colors are matched to standard RAL colors
- Lap joint construction provides protection against access of dust and splashing water
- Also provides for improved EMI/RFI shielding
- Designed to meet IP54 (see gasket kit accessory below to meet IP66)
- Low side wall draft angle (2° or less) for easy P.C. board mounting

MOUSER STOCK NO.		Fig.	Color	Dimension: in.			Price Each			
Mfr.	Mfr. Part No.			H	W	D	1	5	10	25
Rectangular-Color-Unfinished										
546	1590XCB	C	Blue	5.72	4.77	1.39	14.62	14.19	13.33	12.90
546	1590XGR	C	Green	5.72	4.77	1.39	14.62	14.19	13.33	12.90
546	1590XLG	C	Lt Gray	5.72	4.77	1.39	14.62	14.19	13.33	12.90
546	1590XOR	C	Orange	5.72	4.77	1.39	14.62	14.19	13.33	12.90
546	1590XPR	C	Purple	5.72	4.77	1.39	14.62	14.19	13.33	12.90
546	1590XRD	C	Red	5.72	4.77	1.39	14.62	14.19	13.33	12.90
546	1590XYL	C	Yellow	5.72	4.77	1.39	14.62	14.19	13.33	12.90



### 1590 Series Cont.

#### Octagonal - Black -Unfinished

- Also available in Painted Colors.
- Contact Mouser Sales Rep.

MOUSER STOCK NO.		Fig.	Dimension: in.			Price Each			
Mfr.	Mfr. Part No.		H	W	D	1	5	10	25
Color: Black - Unfinished									
546	1590STPC	D	5.23	5.23	1.38	10.47	9.97	9.52	9.10
546	1590STPCBK	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48
546	1590STPCCB	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48
546	1590STPCGR	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48
546	1590STPCLG	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48
546	1590STPCOR	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48
546	1590STPCPR	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48
546	1590STPCRD	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48
546	1590STPCYL	D	5.23	5.23	1.38	12.90	12.58	12.00	11.48

#### Trapezoid - Black - Unfinished

- Also available in Painted Colors.
- Contact Mouser Sales Rep.

MOUSER STOCK NO.		Fig.	Dimension: in.			Price Each				
Mfr.	Mfr. Part No.		H	W Small End	W Large End	D	1	5	10	25
Color: Black - Unfinished										
546	1590TRPB	D	4.41	2.42	3.11	1.38	8.36	7.96	7.60	7.27
546	1590TRPCB	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPBK	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPBG	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPBLG	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPBOR	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPBPR	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPBBD	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPBYL	D	4.41	2.42	3.11	1.38	10.72	10.45	9.98	9.54
546	1590TRPC	D	3.74	4.79	5.95	1.38	9.79	9.32	8.90	8.51
546	1590TRPCB	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83
546	1590TRPCBK	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83
546	1590TRPCGR	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83
546	1590TRPCLG	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83
546	1590TRPCOR	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83
546	1590TRPCPR	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83
546	1590TRPCRD	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83
546	1590TRPCYL	D	3.74	4.79	5.95	1.38	12.17	11.86	11.32	10.83

#### Zinc Diecast Enclosures

MOUSER STOCK NO.		Dimension: in.			Price Each			
Mfr.	Mfr. Part No.	H	W	D	1	5	10	25
Color: Unfinished								
546	1590K430	4.39	2.43	1.07	9.50	9.22	8.66	8.39
546	1590K431	4.72	3.70	2.05	14.94	14.50	13.62	13.19
546	1590K432	7.40	4.72	20.5	23.95	23.25	21.84	21.14