

# HAMMOND Potting Boxes and Plastic Enclosures



## ABS PLASTIC - SOFT SIDED HAND HELD ENCLOSURES

- Over molded in general purpose ABS plastic with a soft plastic grip
- Top cover is recessed for membrane display or keypad

MOUSER STOCK NO.		Fig.	Enclosure Color	Soft Side Color	Batt. Door	Dimensions: in.			Price Each			
Mfr.	Mfr. Part No.					L	W	H	1	5	10	25
546—1553AABK	A	Black	Gray	No	2.95	1.97	.67	4.19	3.99	3.81	3.65	
546—1553AAGY	A	Gray	Gray	No	2.95	1.97	.67	4.19	3.99	3.81	3.65	
546—1553ABK	A	Black	Black	No	3.93	1.90	.669	5.75	5.29	4.89	4.55	
546—1553AGY	A	Gray	Gray	No	3.93	1.90	.669	5.75	5.29	4.89	4.55	
546—1553BBK	A	Black	Gray	No	4.62	3.11	.95	7.24	6.45	5.94	5.51	
546—1553BGY	A	Gray	Gray	No	4.62	3.11	.95	7.24	6.45	5.94	5.51	
546—1553BBKBK	A	Black	Black	No	4.62	3.11	.95	7.24	6.45	5.94	5.51	
546—1553BTBUBK	A	TransBlue	Black	No	4.62	3.11	.95	7.24	6.45	5.94	5.51	
546—1553BRDBK	A	Red	Black	No	4.62	3.11	.95	7.24	6.47	6.03	5.66	
546—1553BYLBK	A	Yellow	Black	No	4.62	3.11	.95	7.24	6.45	5.94	5.51	
546—1553DBK	A	Black	Gray	No	5.80	3.50	.98	7.77	6.93	6.38	5.92	
546—1553DGY	A	Gray	Gray	No	5.80	3.50	.98	7.78	6.95	6.48	6.09	
546—1553DBKBK	A	Black	Black	No	5.80	3.50	.98	7.78	6.93	6.38	5.92	
546—1553DTBUBK	A	TransBlue	Black	No	5.80	3.50	.98	7.78	6.93	6.38	5.92	
546—1553DRDBK	A	Red	Black	No	5.80	3.50	.98	7.78	6.93	6.38	5.92	
546—1553DYLBK	A	Yellow	Black	No	5.80	3.50	.98	7.78	6.93	6.38	5.92	
546—1553CBK	A	Black	Gray	Yes	3.93	2.40	.67	6.38	6.08	5.78	5.55	
546—1553CGY	A	Gray	Gray	Yes	3.93	2.40	.67	6.38	6.00	5.63	5.44	
546—1553CBKBAT	A	Black	Gray	Yes	4.61	3.11	1.26	9.57	9.12	8.67	8.33	
546—1553CGYBAT	A	Gray	Gray	Yes	4.61	3.11	1.26	9.57	9.12	8.67	8.33	
546—1553BBKBAT	A	Black	Gray	Yes	4.62	3.11	.95	10.86	9.67	8.91	8.26	
546—1553BGYBAT	A	Gray	Gray	Yes	4.62	3.11	.95	10.86	9.67	8.91	8.26	
546—1553BBKBKBAT	A	Black	Black	Yes	4.62	3.11	.95	10.85	9.67	8.91	8.26	
546—1553BTBUBKBAT	A	TransBlue	Black	Yes	4.62	3.11	.95	10.86	9.67	8.91	8.26	
546—1553BRDBKBAT	A	Red	Black	Yes	4.62	3.11	.95	10.86	9.67	8.91	8.26	
546—1553BYLBKBAT	A	Yellow	Black	Yes	4.62	3.11	.95	10.86	9.67	8.91	8.26	
546—1553DBKBAT	A	Black	Gray	Yes	5.80	3.50	.98	11.94	10.63	9.79	9.08	
546—1553DGYBAT	A	Gray	Gray	Yes	5.80	3.50	.98	11.94	10.63	9.79	9.08	
546—1553DBKBKBAT	A	Black	Black	Yes	5.80	3.50	.98	11.94	10.63	9.79	9.08	
546—1553DTBUBKBAT	A	TransBlue	Black	Yes	5.80	3.50	.98	11.94	10.63	9.79	9.08	
546—1553DRDBKBAT	A	Red	Black	Yes	5.80	3.50	.98	11.94	10.63	9.79	9.08	
546—1553DYLBKBAT	A	Yellow	Black	Yes	5.80	3.50	.98	11.94	10.63	9.79	9.08	

## BPS PRINTED CIRCUIT BOARDS FOR 1553 ENCLOSURES

MOUSER STOCK NO.		Fig.	Dimensions: in. (mm)	Use with Enclosure	Price Each			
Mfr.	Mfr. Part No.				1	5	10	25
854—	PR1553B	B	2.8 x 4.3 (71 x 108)	1553 B Series	7.25	6.53	3.22	3.15

## ABS PLASTIC & POLYCARB WATERLIGHT FLANGED LID

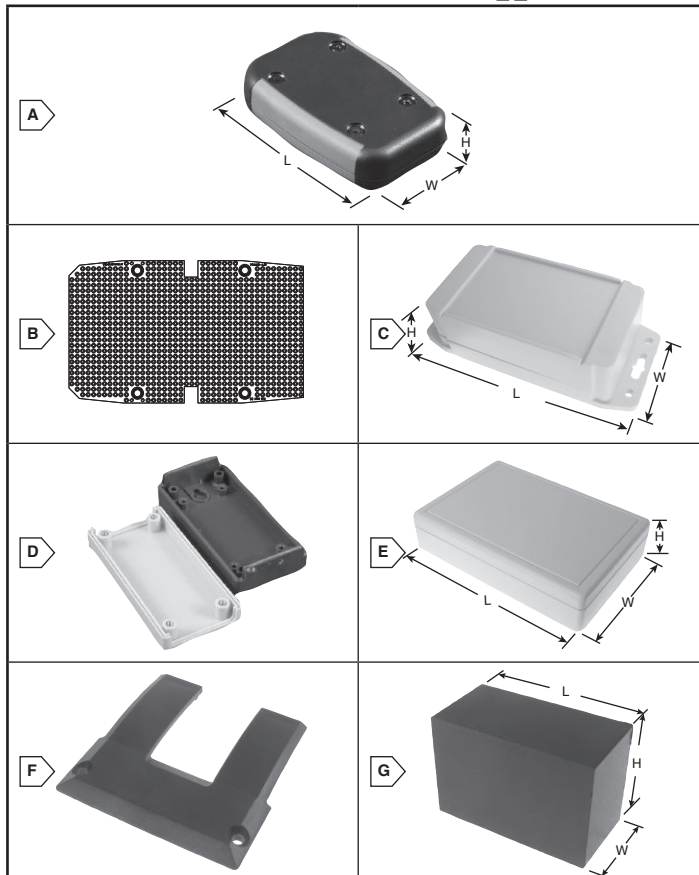
- Purchased assembly includes Box, Lid, 4 x M4 x 20 SS Cover Screws and Preformed Silicone Gasket
- Cover screws should be torqued to 2.5 lbf-in (30 cN-m)

MOUSER STOCK NO.		Fig.	Material	Batt. Door	Dimensions: in.			Price Each			
Mfr.	Mfr. Part No.				L	W	H	1	5	10	25
546—1555NF17GY	C	ABS Plastic	No	6.33	4.48	1.85	11.73	11.17	10.66	10.20	
546—1555NF217GY	C	Polycarbonate	No	6.33	4.48	1.47	15.53	14.79	14.12	13.51	
546—1555NF42GY	C	ABS Plastic	No	7.91	3.57	2.44	12.24	11.65	11.12	10.64	
546—1555NF2F42GY	C	Polycarbonate	No	6.33	4.48	2.44	16.79	15.99	15.26	14.60	
546—1555CF22GY	C	ABS Plastic	No	4.72	2.59	1.65	11.19	10.37	9.99	9.61	
546—1555CF42GY	C	ABS Plastic	No	4.72	2.59	2.44	11.53	10.68	10.29	9.90	
546—1555CF2F42GY	C	Polycarbonate	No	4.72	2.59	2.44	13.63	12.63	12.17	11.71	
546—1555FF17GY	C	ABS Plastic	No	4.72	3.58	1.45	11.67	10.81	10.42	10.02	
546—1555FF2F17GY	C	Polycarbonate	No	4.72	3.58	1.45	13.76	12.95	12.28	11.81	
546—1555FF42GY	C	ABS Plastic	No	4.72	3.58	2.44	12.09	11.21	10.80	10.39	
546—1555F2F42GY	C	Polycarbonate	No	4.72	3.58	2.44	14.55	13.48	12.99	12.50	
546—1555JF17GY	C	ABS Plastic	No	6.26	3.58	1.45	14.18	11.63	11.21	10.78	
546—1555J2F17GY	C	Polycarbonate	No	6.26	3.58	1.45	15.01	13.98	13.40	12.89	
546—1555JF42GY	C	ABS Plastic	No	6.26	3.58	2.44	13.23	12.25	11.81	11.36	
546—1555J2F42GY	C	Polycarbonate	No	6.26	3.58	2.44	18.38	15.08	14.52	13.97	
546—1555HF17GY	C	ABS Plastic	No	8.69	4.76	1.47	13.17	12.54	11.97	11.45	
546—1555H2F17GY	C	Polycarbonate	No	8.69	4.76	1.47	18.30	17.43	16.64	15.92	
546—1555HF42GY	C	ABS Plastic	No	8.69	4.76	2.44	13.70	13.04	12.45	11.91	
546—1555H2F42GY	C	Polycarbonate	No	8.69	4.76	2.44	19.56	18.63	17.78	17.01	

## TWO PIECE FIXED PANEL PLASTIC ENCLOSURES

- Rugged electronic instrument enclosures, ideally suited for mounting printed circuit boards for hand-held, desktop, or wall mount applications
- Molded in polystyrene plastic
- Assembled with four M3x0.5" (13mm) Phillips machine screws (included) threaded into integral bushings
- Includes four self tapping screws for internal standoffs
- Lid is a smooth light gray, and the bottom is a smooth dark gray
- Designed to meet IP54

MOUSER STOCK NO.		Fig.	Ventilated Lid	Dimensions: in.			Price Each			
Mfr.	Mfr. Part No.			L	W	H	1	5	10	25
546—	MB655030	D	No	2.56	1.97	1.18	13.63	11.38	10.16	9.07
546—	MB655045	D	No	2.56	1.97	1.77	16.55	13.81	12.33	11.00
546—	MB105025	D	No	3.94	1.97	0.98	19.38	17.66	16.22	14.96
546—	MB105040	D	No	3.94	1.97	1.57	19.27	16.09	14.36	12.81
546—	MB105040VL	D	Yes	3.94	1.97	1.57	21.21	17.71	15.81	14.10
546—	MB126540	D	No	4.72	2.56	1.57	22.30	18.62	16.61	14.83
546—	MB126540VL	D	Yes	4.72	2.56	1.57	24.95	20.83	18.59	16.59
546—	MB181170	D	No	7.40	4.33	2.76	33.29	27.80	24.81	22.14
546—	MB181170VL	D	Yes	7.40	4.33	2.76	40.82	34.09	30.41	27.15
546—	MB181112	D	No	7.40	4.33	4.72	45.76	41.19	37.98	36.84



## MG Chemicals SUPER SHIELD CONDUCTIVE COATING

A general purpose EMI/RFI shielding spray for use on plastic electronics enclosures. Consists of a tough, durable acrylic base pigmented with a high purity nickel flake. Surface resistance of approximately 0.7ohms.

MOUSER STOCK NO.		Size	Price Each	
Mfr.	Mfr. Part No.		1	25
590—	841-340G	Aerosol 340g (12oz.)		31.95

## ABS PLASTIC HAND HELD ENCLOSURES

- Complete with top & bottom, removable front panel, battery door (except on the smallest size) and three self-tapping screws
- Top panel has a flat display area, perfect for labeling, silk screening, membrane keypads or easily machined
- Lap joint construction provides protection against access of dust and splashing water
- Battery compartment (except on the smallest size) suitable for either a 9V (PP3) or 2 x AA batteries
- The base is molded with bosses for easy P.C. board mounting
- Molded in flame retardant ABS plastic
- Color: Black or Gray
- Finish: Satin Texture

MOUSER STOCK NO.		Fig.	Enclosure Color	Dimensions: in.			Price Each			
Mfr.	Mfr. Part No.			L	W	H	1	5	10	25
546—	001100	E	Black	1.57	2.36	0.73	8.09	6.87	6.47	6.06
546—	001102	E	Black	3.35	2.36	0.87	9.11	7.75	6.83	6.38
546—	001104	E	Black	4.13	2.36	0.87	9.70	8.24	7.75	7.26
546—	001106	E	Black	4.92	2.76	0.87	10.28	8.74	8.22	7.71
546—	001111	E	Gray	1.57	2.36	0.73	8.49	7.22	6.80	6.37

## Pocket/Belt Clip

MOUSER STOCK NO.		Fig.	Color	Price Each			
Mfr.	Mfr. Part No.			1	5	10	25
546—	001151	F	Black	4.87	3.66	3.22	3.15

## POTTING BOXES

- One piece molded construction
- Molded from Black General Purpose ABS Plastic
- Temperature rated -20°C to +94°C
- 1.0mm (0.04") wall thickness

MOUSER STOCK NO.		Fig.	Dimensions: in.			Price Each			
Mfr.	Mfr. Part No.		L	W	H	1	5	10	100
546—	1596B109	G	0.46	0.46	0.35	1.29	1.08	.994	.932
546—	1596B110	G	0.85	0.55	0.46	1.30	1.10	1.00	.97
546—	1596B101	G	0.98	0.79	0.59	1.38	1.14	1.06	.99
546—	1596B102	G	1.18	0.79	0.59	1.25	.99	.91	.84
546—	1596B111	G	1.18	1.18	0.79	1.51	1.22	1.13	1.05
546—	1596B103	G	1.57	1.37	0.79	1.63	1.36	1.27	1.22
546—	1596B107	G	1.57	1.57	0.79	1.62	1.35	1.24	1.16
546—	1596B113	G	1.57	1.57	1.15	1.55	1.28	1.18	1.10
546—	1596B104	G	1.96	1.57	1.18	1.56	1.30	1.22	1.17
546—	1596B108	G	1.96	1.96	1.18	1.80	1.50	1.38	1.27
546—	1596B105	G	2.95	1.98	1.39	2.70	2.25	2.08	1.93
546—	1596B115	G	3.50	2.52	1.28	3.20	2.67	2.46	2.28
546—	1596B106	G	3.93	2.36	0.99	2.72	2.29	2.10	1.95