



Multipurpose Plastic Enclosures (1591 "S" Series) Economical Version

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Key Features:

- Electronic instrument enclosures, ideally suited for mounting printed circuit boards.
- Integral card guides accept 1.5 mm (0.062") P.C. cards.
- Lap joint construction provides protection against access of dust and splashing water.
- Designed to meet IP54
- Molded from economical black or grey plastic
- Link here to our [flame retardant ABS plastic version](#).
- Lid is secured with self-tapping #4 x 0.5" philips screws (black screws included with black enclosures, nickel finish included with grey enclosures).
-  Link here to [photo tables](#) of each part number (shown in grey).

Part Number	Color	Reader File	 Drawing File Size	AutoCAD .dwg Files (zipped)	.zip File Size	Units	Length	Width	Enclosure Depth (Less Lid)
1591MSBK 1591MSGY	Black Grey		151K		280K	Inches	3.3	2.2	0.8
						mm	85	56	21
1591LSBK 1591LSGY	Black Grey		148K		212K	Inches	3.3	2.2	1.4
						mm	85	56	35
1591ASBK 1591ASGY	Black Grey		161K		316K	Inches	3.9	2.0	0.8
						mm	100	50	21
1591SSBK 1591SSGY	Black Grey		145K		220K	Inches	4.3	3.2	1.6
						mm	110	82	40
1591BSBK 1591BSGY	Black Grey		148K		332K	Inches	4.4	2.4	1.1
						mm	112	62	27
1591CSBK 1591CSGY	Black Grey		222K		251K	Inches	4.7	2.6	1.4
						mm	120	65	36
1591TSBK 1591TSGY	Black Grey		142K		203K	Inches	4.7	3.2	2.2
						mm	120	80	55
1591USBK 1591USGY	Black Grey		111K		273K	Inches	4.7	4.7	2.2
						mm	120	120	55
1591VSBK 1591VSGY	Black Grey		131K		191K	Inches	4.7	4.7	3.5
						mm	120	120	90
1591GSBK 1591GSGY	Black Grey		154K		344K	Inches	4.8	3.7	1.2
						mm	121	94	30
1591DSBK 1591DSGY	Black Grey		154K		245K	Inches	5.9	3.2	1.8
						mm	150	80	46
1591HSBK 1591HSGY	Black Grey		171K		566K	Inches	6.5	2.8	1.0
						mm	165	71	25

1591ESBK 1591ESGY	Black Grey		151K		259K	Inches	7.5	4.3	2.2
						mm	191	110	57



Link here to [photo tables](#) of each part number (shown in grey).

NOTES:

- Add 0.16" (4 mm) to enclosure depth for lid

Accessories

Flange Kits:

[Link Here For Details](#)

Top View



click to enlarge

Bottom View



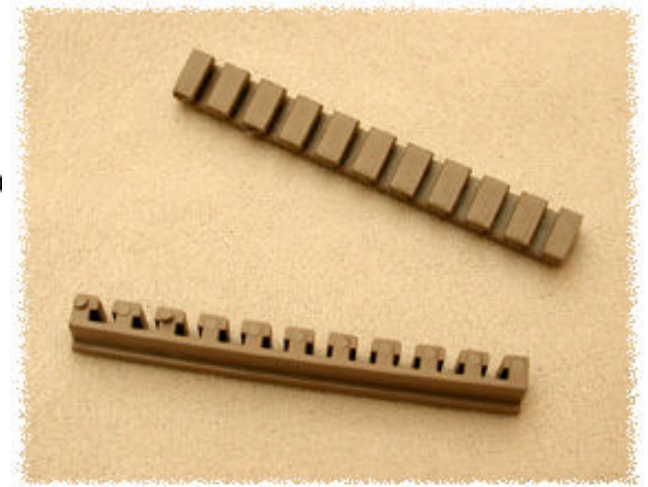
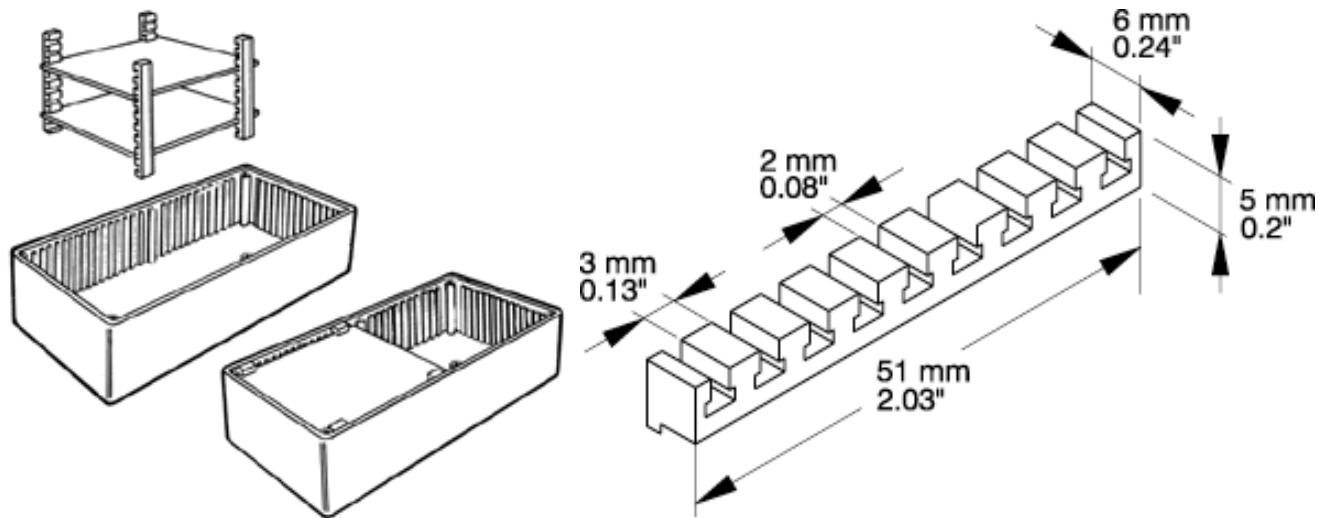
click to enlarge

P.C. Board Card Adaptors:

Part Number **1591Z6** - Package of 6

Part Number **1591Z50** - Package of 50

Part Number **1591Z100** - Package of 100



Belt or Pocket Clip:

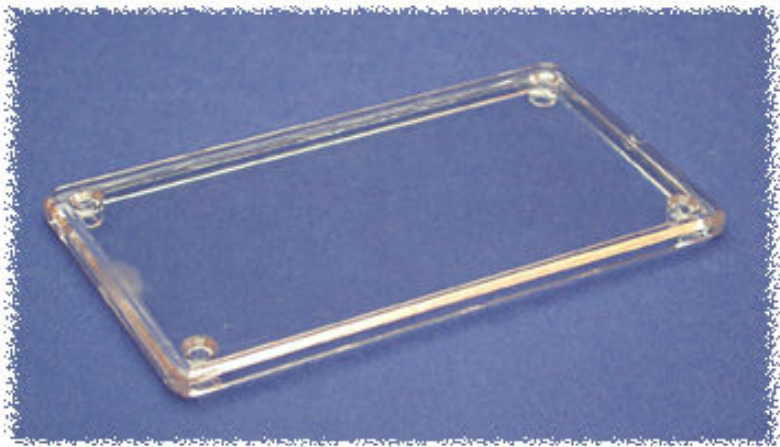


- Molded from tough nylon.
- Includes 2 nylon screws (insulated to avoid internal interference).
- Mounting template included.

Black - Part Number **1599CLIP**

Grey (shown) - Part Number **1599CLIPGY**

Clear Lids:



- Clear Polycarbonate - flame retardant material
- Enclosure is NOT included
- For clear lid and enclosure - see our [1591"T" series](#)

Part Number	Use With Enclosure Series
1591LC	1591L & 1591M
1591AC	1591A
1591BC	1591B
1591CC	1591C
1591DC	1591D
1591EC	1591E
1591GC	1591G
1591HC	1591H
1591SC	1591S
1591TC	1591T
1591UC	1591U
1591VC	1591V

DOWNLOAD

catalog pages on this series (145K) [9C-1591S.pdf](#)

Exactly what you are looking for???

Link to our stocking distributors - most have "on-line" pricing, stock check and ordering!!!

Our Distributors

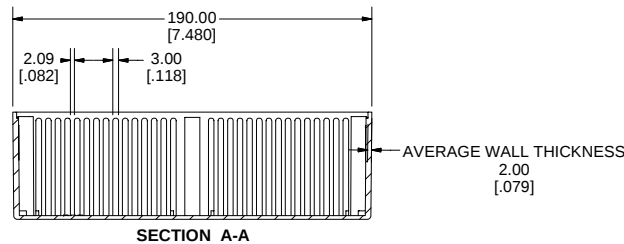
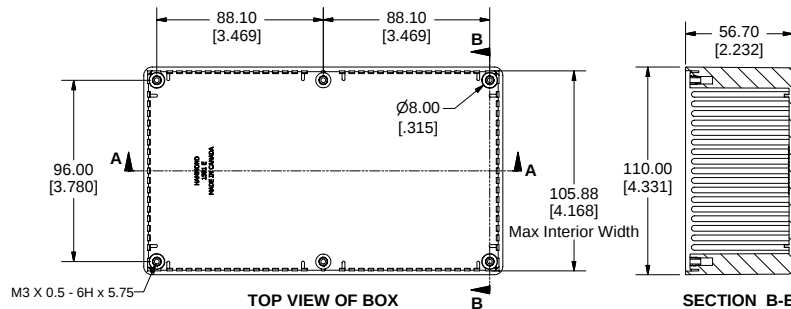
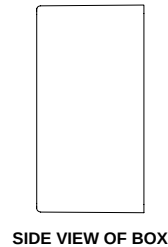
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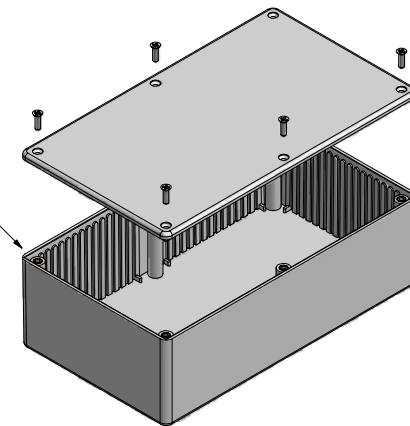
URL: <http://www.hammondmfg.com>

1591E Enclosure

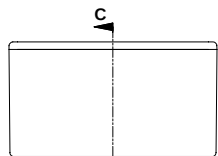


Brass Inserts in FRABS and Polycarb
No inserts in GPABS

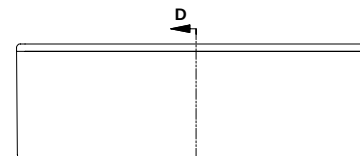
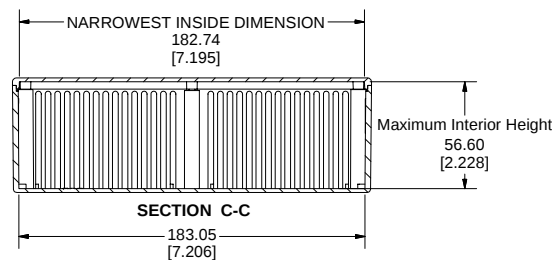
LID FASTENERS
M3 x 10 mm Screws for FRABS/Polycarb
#4 x 1/2" Self Tapping for GPABS



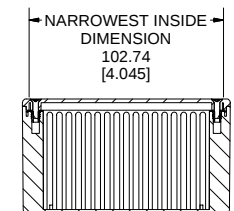
EXPLODED VIEW OF ASSEMBLY



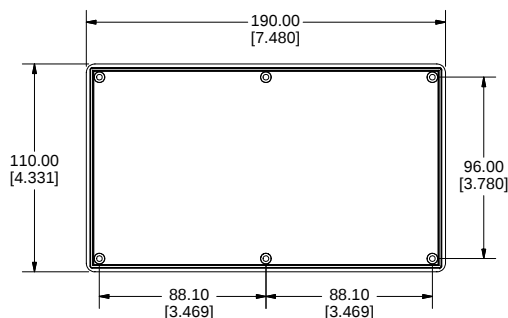
END VIEW OF ASSEMBLY



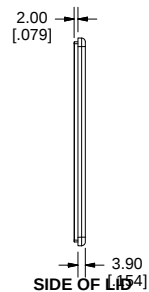
SIDE VIEW OF ASSEMBLY



SECTION D-D



BOTTOM OF LID



Note:

Enclosures can be Factory Modified (Milling, Drilling, Printing etc.)
Solid models of this enclosure available in STEP or IGES Format.
Contact Factory mjm@hammondmfg.com



PART NUMBERS		
1591E Enclosures		
Material	Colour	Part Number
FR ABS UL94 - V0	Black	1591EBK
	Grey	1591EGY
GP ABS	Black Shielded (Conductive Paint)	1591REBK
	Black	1591ESBK
Translucent Polycarbonate	Grey	1591ESGY
	Ice Blue	1591ETBU
	IR Red	1591ETRD
	Crystal Clear	1591ETCL
Accessories		
Description		Part Number
Universal Application	PC Board Card Adapters	See Accessories Section
	Flange Kits	See Accessories Section
	Clear Lids - clear, flame retardant polycarbonate - Lid ONLY	1591EC
FR ABS & Polycarbonate	Replacement Screws, Flat head Phillips, Nickel Plated Pkg of 100	1591MS100 1591MS100BK (Black)
GP ABS	Self Tapping Pkg of 100	1591TS100 1591TS100BK (Black)
Required Torque on Fasteners (no lubrication)		
M3 - 0.5 x 10mm Screws		30-40 cN*m
#4 x 0.5 Screws		30-40 cN*m