HAMMOND MANUFACTURING™

Multipurpose Plastic Enclosures (1591XX Series)



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Key Features:

- Ideally suited for mounting printed circuit boards horizontally.
- Internal sides of enclosure are smooth for easy connector installation (see photos) - except for the largest enclosure the 1591XXF size which is a universal type (includes PCB standoffs in the lid and enclosure as well as card guides).
- Strong tongue and groove lid to box construction provides protection against access of dust and splashing water.
- Designed to meet IP54.
- Lid and box both contain moulded PC board standoffs.
- Moulded from easy to machine, flame retardant ABS plastic (material carries a UL flammability rating of 94V-0).
- Lid is secured with M3 x 10 mm Philips machine screws, threaded into integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- Black enclosures include black screws, all others - standard nickel finish screws.

Notes:

- Add lid thickness of 0.12" (3 mm) to enclosure depth for total outside depth.
- Average wall thickness is 2 mm (.079") - except 1591XXF - 3.1 mm (.124")
- Accessory screws for mounting PCBs into standoffs (#4 x 1/4" pan head) P/N 1593ATS50 (qty. 50), P/N 1593ATS100 (qty. 100).
- Internal construction is different for the 1591XXF size (includes PCB standoffs in the lid and enclosure plus card guides.

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Part Number	Colour	Units	Length	Width	Depth (less lid)
1591XXMBK	Black	Inches	3.3	2.2	0.8
1591XXMGY	Grey	mm	85	56	21
1591XXLBK	Black	Inches	3.4	2.2	1.4
1591XXLGY	Grey	mm	87	57	36
1591XXABK	Black	Inches	3.9	2	0.8
1591XXAGY	Grey	mm	100	51	22
1591XXSBK	Black	Inches	4.3	3.2	1.6
1591XXSGY	Grey	mm	110	82	40
1591XXBBK	Black	Inches	4.4	2.5	1.1
1591XXBGY	Grey	mm	113	63	28
1591XXCBK	Black	Inches	4.7	2.6	1.4
1591XXCGY	Grey	mm	121	66	37
1591XXTBK	Black	Inches	4.8	3.2	2.2
1591XXTGY	Grey	mm	123	83	56
1591XXGBK	Black	Inches	4.8	3.7	1.2
1591XXGGY	Grey	mm	121	94	30
1591XXDBK	Black	Inches	6	3.2	1.8
1591XXDGY	Grey	mm	152	82	47
1591XXEBK	Black	Inches	7.6	4.4	2.2
1591XXEGY	Grey	mm	193	113	58
1591XXFBK	Black	Inches	8.7	5.9	2.3
1591XXFGY	Grey	mm	221	150	60

Black



Assembled View (Top)



Assembled View (Bottom)



Open View