



Quality Products. Service Excellence.

Heavy Duty ABS Enclosures 1594 Series

Multipurpose, Thick Walls, Water-Tight Options

Features:



- Rugged electronic instrument enclosures ideally suited for mounting printed circuit boards.
- Heavy duty thick-wall design has an average wall thickness of 0.13" (3.3 mm).
- Stocked in black and light gray with matte textured finish.
- Standard versions are molded in flame retardant ABS plastic which carries a UL flammability rating of 94V-0.
- On standard and water-tight versions, lid is secured with four M3 x 0.5 - 0.71" (18 mm) long Phillips machine screws threaded into integral brass bushings.
- Economy versions are molded in general purpose ABS plastic.
- Economy versions utilize self-tapping screws into plastic posts.
- Water-tight versions have been tested to and meet IP66 ratings.
- Standard and economy versions are rated IP54, but can be upgraded to IP66 with gaskets and screws with o-rings.
- For EMI/ RFI shielded versions, try "1594RFI" or "1594R."

Notes:

- Replacement machine screws for standard versions are sold in packs of 100 (part number **1594MS100**)
- Replacement self-tapping screws for economy versions are sold in packs of 100 (part number **1594TS100**)
- Replacement machine screws with o-rings for water-tight versions are sold in packs of 100 (part number **1594WMS100**)



Available in gray or black
ABS plastic

Shown with gasket installed
on lid

Water-tight screw pack
(**1594WMS100**) includes o-
rings

Part Numbers

Flame Retardant ABS Plastic		Economy ABS Plastic		Water-Tight Flame Retardant ABS		Length (mm)	Width (mm)	Depth (mm)	Replacement Gaskets
Black	Gray	Black	Gray	Black	Gray				
1594ABK	1594AGY	1594ASBK	1594ASGY	1594AWBK	1594AWGY	56	56	40	1594AGASKET
1594BBK	1594BGY	1594BSBK	1594BSGY	1594BWBK	1594BWGY	81	56	40	1594BGASKET
1594CBK	1594CGY	1594CSBK	1594CSGY	1594CWBK	1594CWGY	106.5	66	45	1594CGASKET

Flame Retardant ABS Plastic		Economy ABS Plastic		Water-Tight Flame Retardant ABS		Length (mm)	Width (mm)	Depth (mm)	Replacement
Black	Gray	Black	Gray	Black	Gray				Gaskets
1594DBK	1594DGY	1594DSBK	1594DSGY	1594DWBK	1594DWGY	131.5	66	55	1594DGASKET
1594EBK	1594EGY	1594ESBK	1594ESGY	1594EWBK	1594EWGY	167	107	65	1594EGASKET

Tags: plastic, ABS, heavy duty, thick wall, multipurpose, PCB, watertight

Data subject to change without notice

Mouser Electronics

Authorized Distributor

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[Hammond:](#)

[1594ASGY](#) [1594BWBK](#) [1594BBK](#) [1594BGY](#) [1594CWBK](#) [1594EGY](#) [1594CSGY](#) [1594EWBK](#) [1594AGY](#)
[1594AWBK](#) [1594DGY](#) [1594BSGY](#) [1594DWBK](#) [1594DSGY](#) [1594EBK](#) [1594ABK](#) [1594DBK](#) [1594ESGY](#) [1594CGY](#)
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