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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 with an average wall thickness of .13" (3.3 mm).
- Standard versions from flame retardant ABS plastic (carries a UL flammability rating of 94V-0).
- On standard and water-tight versions, countersunk lid is secured with four M3 x 0.5 - 0.71" (18 mm) long, Phillips machine screws threaded into integral brass bushings. Perfect for applications with repetitive assembly and disassembly required.
- Economy version is molded in general purpose ABS plastic.
- Economy version utilizes self tapping screws into plastic posts (no brass inserts).
- Standard and economy versions are rated IP54, but can be upgraded to IP66 with gaskets and screws with o-rings.
- Water-tight versions are rated IP66.
- Stocked in black and grey with matte textured finish.
- 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, sold in packs of 100.

Part Numbers

| Flame Retardant ABS Plastic | | Economy ABS Plastic | | Water-Tight Flame Retardant ABS | | Length | Width | Depth (less lid) | Replacement Gaskets |
|-----------------------------|---------|---------------------|----------|---------------------------------|----------|--------|-------|------------------|---------------------|
| Black | Gray | Black | Gray | Black | Gray | | | | |
| 1594ABK | 1594AGY | 1594ASBK | 1594ASGY | 1594AWBK | 1594AWGY | 2.20 | 2.20 | 1.10 | 1594AGASKET |
| 1594BBK | 1594BGY | 1594BSBK | 1594BSGY | 1594BWBK | 1594BWGY | 3.20 | 2.20 | 1.10 | 1594BGASKET |

| Flame Retardant ABS Plastic | | Economy ABS Plastic | | Water-Tight Flame Retardant ABS | | Length | Width | Depth (less lid) | Replacement Gaskets |
|-----------------------------|---------|---------------------|----------|---------------------------------|----------|--------|-------|---------------------|------------------------|
| Black | Gray | Black | Gray | Black | Gray | | | | |
| 1594CBK | 1594CGY | 1594CSBK | 1594CSGY | 1594CWBK | 1594CWGY | 4.10 | 2.60 | 1.30 | 1594CGASKET |
| 1594DBK | 1594DGY | 1594DSBK | 1594DSGY | 1594DWBK | 1594DWGY | 5.20 | 2.60 | 1.70 | 1594DGASKET |
| 1594EBK | 1594EGY | 1594ESBK | 1594ESGY | 1594EWBK | 1594EWGY | 6.60 | 4.20 | 2.10 | 1594EGASKET |

Data subject to change without notice

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