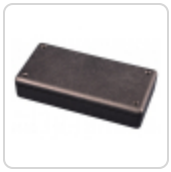
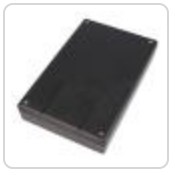
Hand-Held Plastic Enclosures w/ EMI/ RFI Shielding *1599RFI Series*

Molded w/ Conductive Plastic









RoHS

Features:

- Designed for EMI/RFI shielding applications - using conductive plastic (a compound of plastic and stainless steel fibers).
- Attractively styled and ergonomically designed for use as a handheld instrument enclosure.
- Molded from a compound of stainless steel fibers and flame retardant ABS plastic (material carries a UL flammability rating of 94V-0).
- Lap joint construction provides protection against dust accumulation and splashing water.
- Extra deep top and ultra shallow base are specifically designed to enhance the aesthetics of the enclosure and provide the user with flexibility and assembly efficiency.
- Designed to meet IP54.
- NOTE: Material is brittle - acts like phenolic - NOT FOR HIGH IMPACT USE.
- Lid is secured with Philips machine screws, threaded into tapped integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- For non-shielded applications, try series **1599**
- 50 pack of optional PC board screws (#4 x 1/4" Self-Tapping), part number **1593ATS50**

- **Some chemicals can damage or weaken plastic. Please read our Chemical Resistance Statement under Downloads for more information.**

SAFETY NOTES:

- Conductive plastic is NOT an insulator - these enclosures must be treated like a metal enclosure.
- Conductive plastic will act as a heating element - any significant current flow will cause the plastic to heat and produce smoke.

Part Numbers

Part Number	Color	Battery Door	Length	Width	Depth	Extra Assembly Screws
1599RFIBBK	Black	No	130	65	26	**1594MS100**
1599RFIBBKBAT	Black	Yes	130	65	26	**1594MS100**
1599RFIEBK	Black	No	170	86	35	**1591MS100**
1599RFIEBKBAT	Black	Yes	170	86	35	**1591MS100**
1599RFIHBK	Black	No	220	110	45	**1591MS100**
1599RFIHBKBAT	Black	Yes	220	110	45	**1591MS100**
1599RFIKBK	Black	No	220	140	40	**1591MS100**
1599RFIKBKBAT	Black	Yes	220	140	40	**1591MS100**

Tags: **1599**, **conductive plastic**, **shielded**, **EMI**, **RFI**, **battery**

Data subject to change without notice.

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