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ABS Plastic Instrument Enclosures *1598 Series*

ABS Clam Shell Body w/ End Panels









RoHS

Features:

- Desk top electronic instrument enclosure, ideally suited for mounting printed circuit boards.
- Designed to meet IP54.
- Two sets of vertical 1.5 mm (0.062”) P.C. board guides are molded into case halves front and rear.
- Integral horizontal P.C. card mounts on Eurocard centers.
- P.C. card standoffs molded into top & bottom half of enclosure - require #6 x 1/4” (6.4mm) screws - part number **1598ATS100**

Standard version

- Stocked in matte textured black and grey.
- Molded from flame retardant ABS plastic (material carries a UL flammability rating of 94V-0).
- Enclosure halves are secured with M3 x 0.5” x 10 mm (0.39”) Phillips machine screws threaded into tapped integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- Front and rear panels are 1.6 mm (0.064”) brushed aluminum with protective paper on one side.

Economy Version

- Molded from general purpose ABS plastic (not flame retardant).
- Enclosure halves are secured with self tapping screws threaded into plastic standoffs. Not recommended for repeated assembly and disassembly.
- Available with either brushed aluminum or black plastic end panels.

Other 1598 Series

- If EMI/ RFI shielding is required, try series **1598R.**

Photo Features:



Economy version has plastic assembly screw posts. Standard version has brass inserts for easier assembly.



Shown here in light gray ABS with black plastic end panels.



Shown here with tilt bail accessory kit installed.

Accessories for 1598 Series



Accessories include replacement black plastic panels, aluminum end panels, and tilt bail kits. Refer to table below for correct part numbers.





Replacement assembly screws for standard version **1591MS100** (100-pack)
Replacement assembly screws for economy version **1591TS100** (100-pack)
PC board mounting screws (standard or economy) **1598ATS100** (100-pack)

Part Numbers

Standard Version (Black)	Standard Version (Gray)	Economy Version (Gray)	Economy (Gray Enclosure w/ Black Plastic Panels)	Length	Width	Height	Tilt Bail	Aluminum End Panels (Pair)	Plastic End Panels (pair)
1598BBK	**1598BGY**	**1598BSGY**	**1598BSGYPBK**	5.28	5.31	1.96		**1598PLB-AL**	**1598PLBBK**
1598ABK	**1598AGY**	**1598ASGY**	**1598ASGYPBK**	6.18	3.70	1.42		**1598PLA-AL**	**1598PLABK**
1598EBK	**1598EGY**	**1598ESGY**	**1598ESGYPBK**	6.30	6.30	3.38	**1598TH1**	**1598PLE-AL**	**1598PLEBK**
1598BBBK	**1598BBGY**	**1598BBSGY**	**1598BBSGYPBK**	7.05	6.06	1.42	**1598TH1**	**1598PLBB-AL**	**1598PLBBBK**
1598CBK	**1598CGY**	**1598CSGY**	**1598CSGYPBK**	7.09	6.10	2.04	**1598TH1**	**1598PLC-AL**	**1598PLCBK**
1598DBK	**1598DGY**	**1598DSGY**	**1598DSGYPBK**	7.09	8.11	2.52	**1598TH2**	**1598PLD-AL**	**1598PLDBK**
1598FBK	**1598FGY**	**1598FSGY**	**1598FSGYPBK**	9.84	6.30	1.58	**1598TH1**	**1598PLF-AL**	**1598PLFBK**
1598GBK	**1598GGY**	**1598GSGY**	**1598GSGYPBK**	9.84	6.30	3.00	**1598TH1**	**1598PLG-AL**	**1598PLGBK**
1598HBK	**1598HGY**	**1598HSGY**	**1598HSGYPBK**	11.02	7.87	1.58	**1598TH2**	**1598PLH-AL**	**1598PLHBK**
1598JBK	**1598JGY**	**1598JSGY**	**1598JSGYPBK**	11.02	7.87	3.00	**1598TH2**	**1598PLJ-AL**	**1598PLJBK**

Tags: **clamshell**, **ABS**, **aluminum panel**, **end panels**, **PCB**, **tilt bail**, **desktop**

Data subject to change without notice

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