

# Instrument - Polystyrene (1598 Series)

Plastic

Molded in P.C. card standoffs and vertical card guides...

Positive fit, tongue & groove construction requires only two mounting screws...

Complete with four rubber feet and hardware...

Two models available, one with easy to modify ABS black plastic or the other with strong aluminum end panels...

## OTHER KEY FEATURES

- Modern low profile designed instrument enclosure.
- Two sets of vertical 1.5 mm (0.062") P.C. board guides are molded into case halves, front and rear.
- Molded from economical grey polystyrene.
- Easy access to interior via shell type construction.
- Designed to meet IP54.
- Integral horizontal P.C. card mounts on Eurocard centers.

## ACCESSORIES



### Replacement Screws

Self-tapping type, used in polystyrene 1598 series (ie...no brass inserts). # 4 x 5/8" (15.9 mm)  
**1598TS100** - Package of 100



### Belt or Pocket Clip

Molded from tough grey nylon, includes 2 nylon screws and mounting template. **1599CLIPGY**



### Replacement Plastic End Panels (Black)

Molded from black fire retardant ABS plastic. Part contains both front & back panel.

- 1598PLABK** - Use with 1598A
- 1598PLBBK** - Use with 1598B
- 1598PLBBBK** - Use with 1598BB
- 1598PLCBK** - Use with 1598C
- 1598PLDBK** - Use with 1598D
- 1598PLEBK** - Use with 1598E
- 1598PLFBK** - Use with 1598F
- 1598PLGBK** - Use with 1598G
- 1598PLHBK** - Use with 1598H
- 1598PLJBK** - Use with 1598J

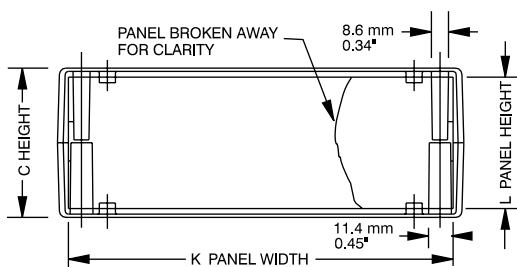
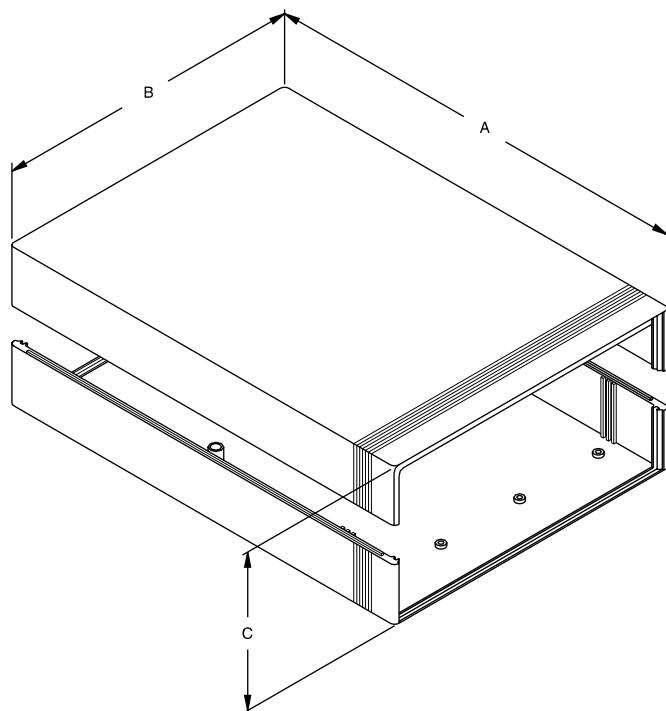


### P.C. Board Screws

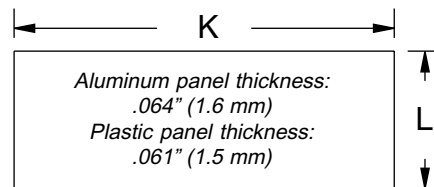
Self-tapping type, used for bosses in the 1598 series for P.C. board installation. # 6 x 1/4" (6.4 mm)  
**1598ATS100** - Package of 100

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End View



Front or Rear Panel

Part Number		Units	Dimensions			Panel Size	
Grey enclosure with metal panels	Grey enclosure with black plastic panels		A	B	C	K	L
1598BSGY	1598BSGYPBK	inch mm	5.28 134	5.31 135	1.96 50	5.04 128	1.77 45
1598ASGY	1598ASGYPBK	inch mm	6.18 157	3.70 94	1.42 36	3.39 86	1.06 27
1598ESGY	1598ESGYPBK	inch mm	6.30 160	6.30 160	3.38 86	5.98 152	3.11 79
1598BBSGY	1598BBSGYPBK	inch mm	7.05 179	6.06 154	1.42 36	5.75 146	1.14 29
1598CSGY	1598CSGYPBK	inch mm	7.09 180	6.10 155	2.04 52	5.71 145	1.81 46
1598DSGY	1598DSGYPBK	inch mm	7.09 180	8.11 206	2.52 64	7.80 198	2.28 58
1598FSGY	1598FSGYPBK	inch mm	9.84 250	6.30 160	1.58 40	5.98 152	1.38 35
1598GSYG	1598GSYGYPBK	inch mm	9.84 250	6.30 160	3.00 76	5.98 152	2.72 69
1598HSGY	1598HSGYPBK	inch mm	11.02 280	7.87 200	1.58 40	7.56 192	1.38 35
1598JSGY	1598JSGYPBK	inch mm	11.02 280	7.87 200	3.00 76	7.56 192	2.72 69

NOTES: - Average top & bottom wall thickness: 0.125" (3.2 mm)  
- Average side wall thickness: 0.18" (4.5 mm)



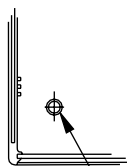
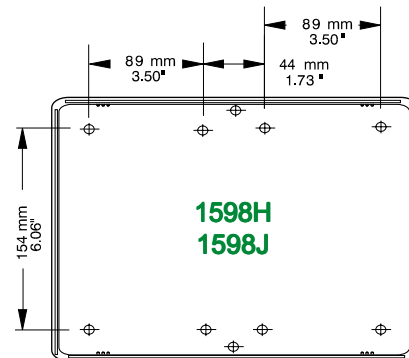
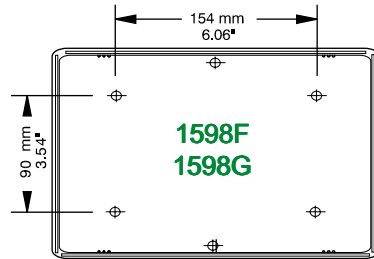
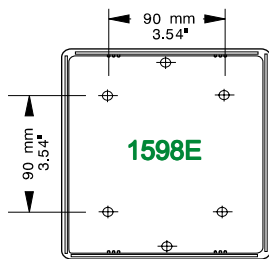
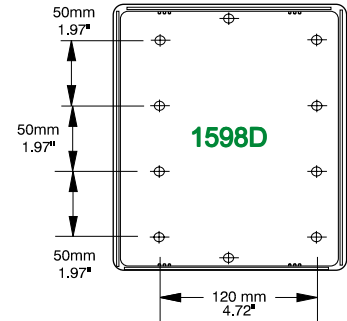
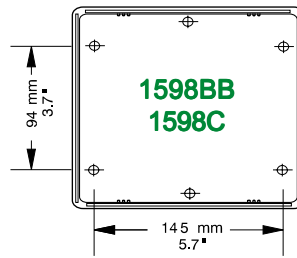
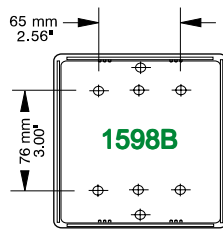
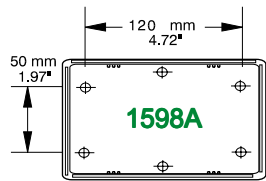
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# 1598 Series Drawings

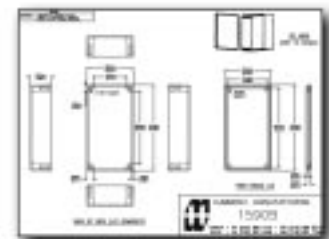
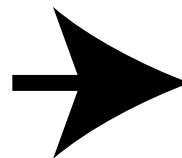
Plastic



POST 3 mm I/S .12" I/S  
8 mm DIA O/S .32" DIA O/S

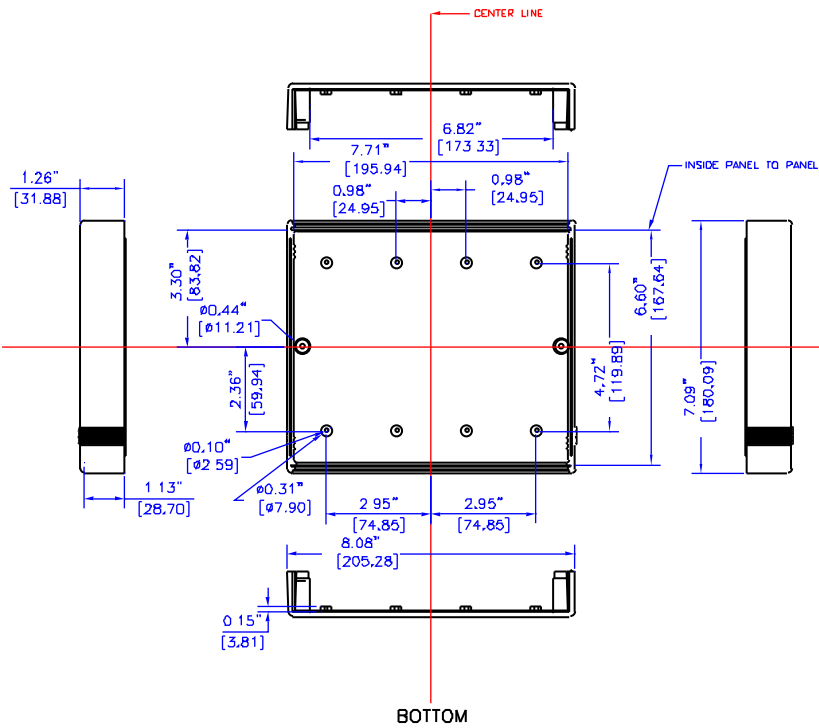
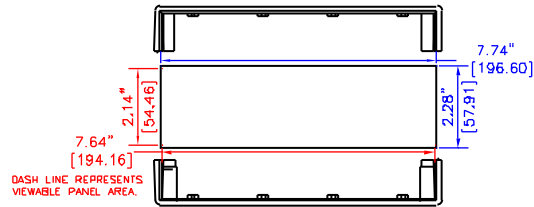
P.C. Board Standoff Detail

For detailed drawings, CAD files and color photos visit our website at:  
[www.hammondmfg.com](http://www.hammondmfg.com)

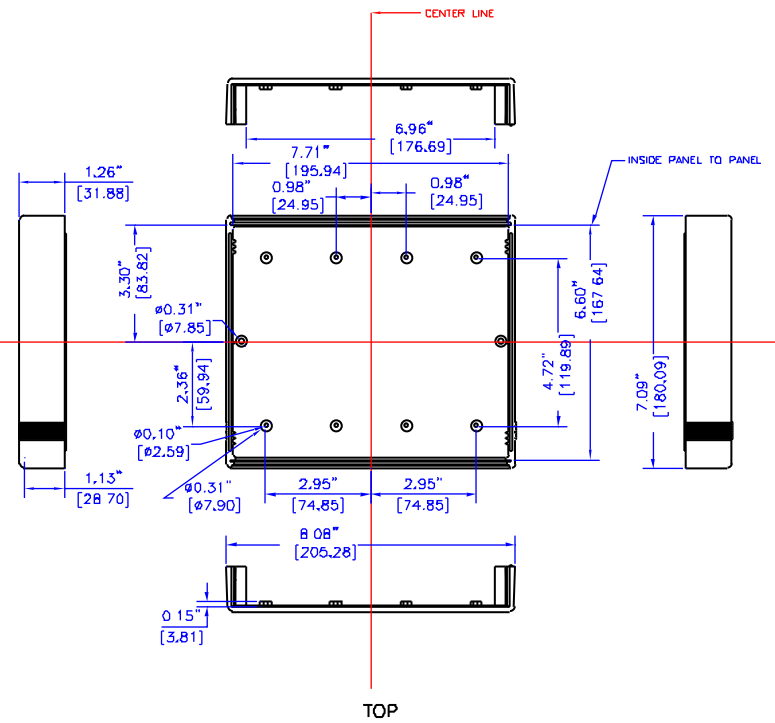


# NOTES

- MATERIAL:** MOLDED USING EITHER FLAME RETARDANT ABS PLASTIC OR POLYSTYRENE
- PARTS:** COMES WITH 2 0.064" BRUSHED ALUMINUM PANELS, AND 4 RUBBER FEET, ABS VERSION COMES WITH M3 0.5 X 10MM PHILLIPS MACHINE SCREWS THREADED INTO BRASS INSERTS. STYRENE COMES WITH #4 X  $\frac{3}{8}$ " SELF TAPPING SCREWS.
- COLOR:** CHOICE OF BLACK OR GRAY
- OPTIONS:** PLASTIC FRONT & REAR PANELS, EMI/RFI SHIELDING.



CENTER LINE



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

F ±0.01  
XX ±0.005  
XXX ±0.015  
CUTS ±0.005  
ANGLES ±0.5 DEG.

NOTES:  
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**HAMMOND  
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TITLE: HAMMOND 1598 SERIES  
INSTRUMENT ENCLOSURE

DRAWN BY: MJM DATE: 06/18/00  
SCALE: PAGE: 1 OF 1

PART NUMBER: 1598D