

3M™ Serial Advanced Technology Attachment (SATA) Connector

Signal Plug, Boardmount, Surface Mount Right Angle and PTH Vertical

5607 Series



- 7-position supports motherboard signal requirements
- EMLB contacts for “hot swap”
- Blind mate polarization for easy cable attach
- Through-hole and surface mount options
- PCB retention clip aids manufacturing
- Meets SATA Specification
- See regulatory information appendix (RIA) for chemical compliance information

Date Modified: May 25, 2011

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Sheet 1 of 5

Physical

Insulator:

Material: High temperature thermoplastic
Flammability: UL 94V-0
Color: Black

Contact:

Material: Copper Alloy

Plating:

Wiping Area: Gold Flash
Solder Tails: 100 μ” [2.54 μm] Tin
Underplating: 50 μ” [1.27 μm] Nickel

Marking: 3M Logo

Electrical

Current Rating: 1.5 A

Insulation Resistance: 10³ Ω (minimum)

Withstanding Voltage: 500 VAC at sea level

Environmental

Temperature Rating: -40°C to +85°C



Electronic Solutions Division
Interconnect Solutions
<http://www.3M.com/interconnects/>

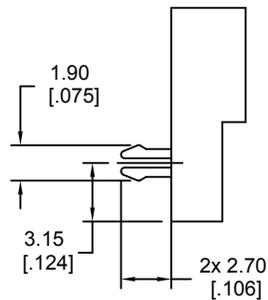
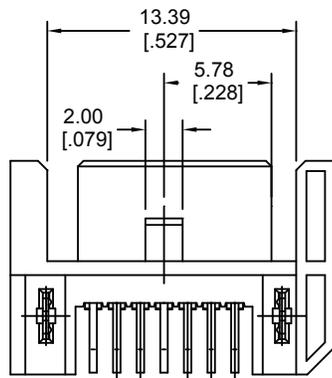
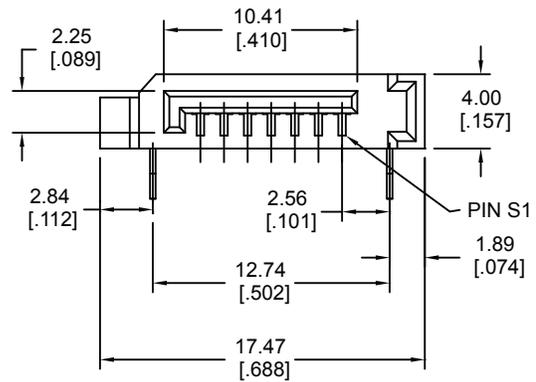
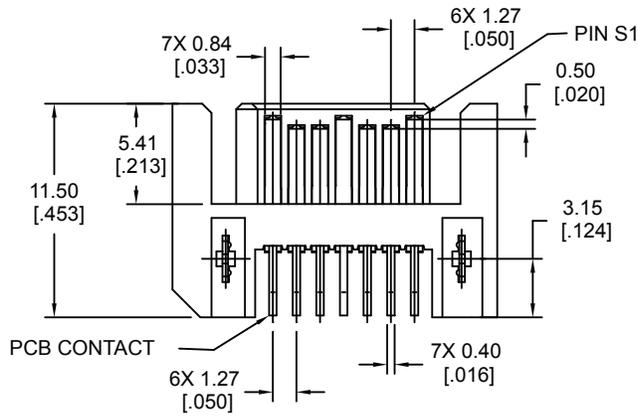
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800-225-5373

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5607 Series

Right Angle Surface Mount

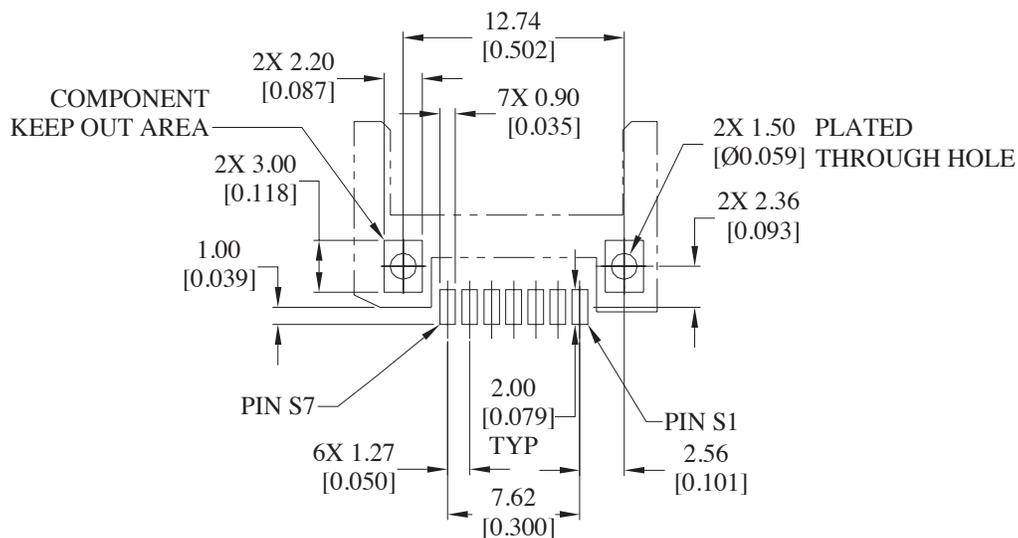


mm (Inch)			
Tolerance Unless Noted			
	.0	0.0	0.00
mm	± 3	± .25	± .127

[] Dimensions for Reference only

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Right Angle Surface Mount



RECOMMENDED P.C.B. LAYOUT
TOLERANCE ± 0.05 [0.002]

Ordering Information

5607-4200-SH

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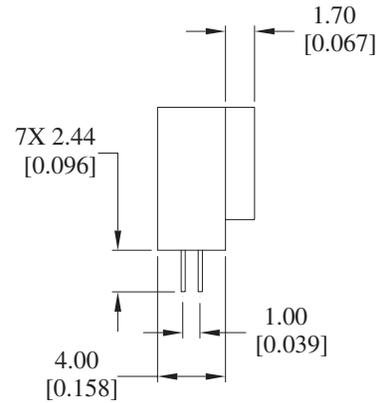
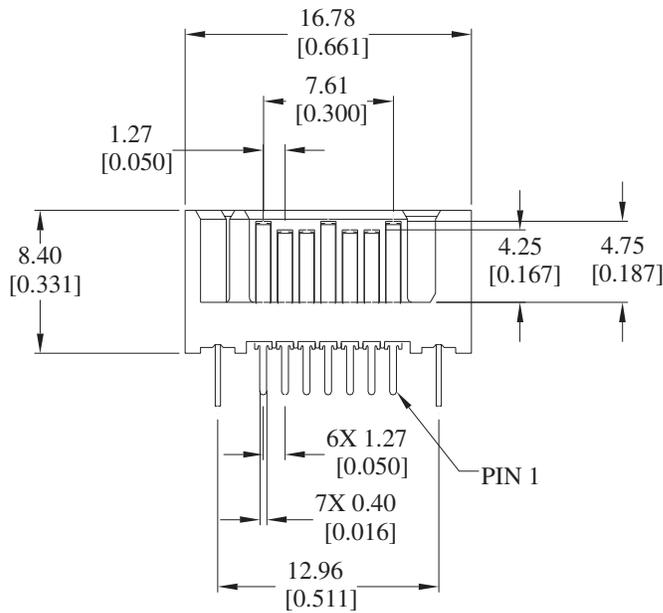


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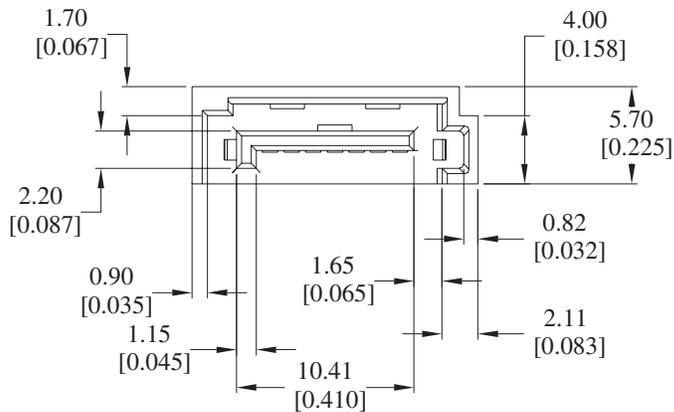
Signal Plug, Boardmount, Surface Mount Right Angle and PTH Vertical

5607 Series

Vertical Through-Hole



PCB RETENTION CLIP
NOT SHOWN FOR CLARITY

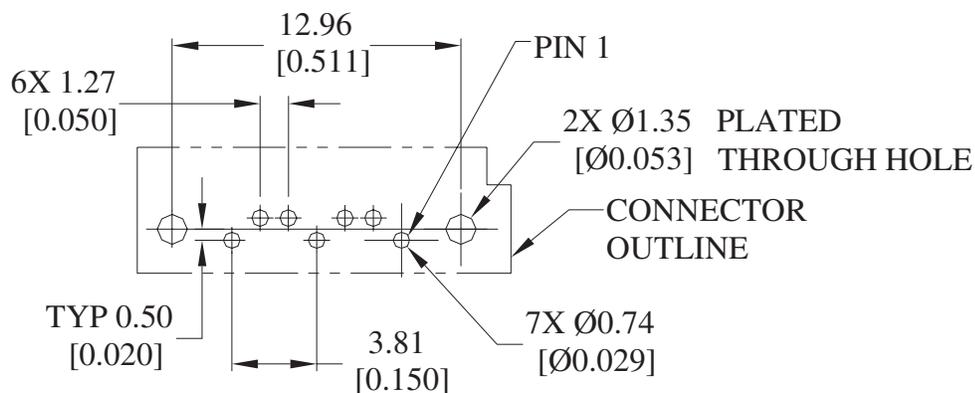


mm (Inch)			
Tolerance Unless Noted			
	.0	0.0	0.00
mm	± 3	± .25	± .127

[] Dimensions for Reference only

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Sheet 4 of 5

Vertical Through-Hole



RECOMMENDED P.C.B. HOLE LAYOUT
TOLERANCE ± 0.05 [0.002]

Ordering Information

5607-5102-SH

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