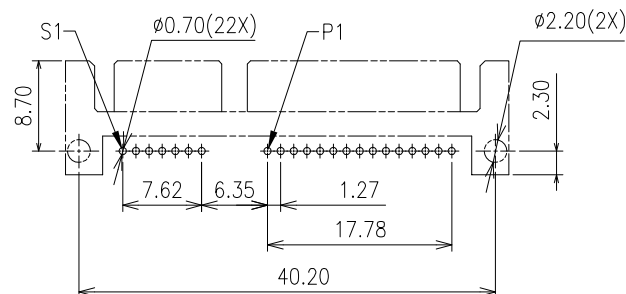
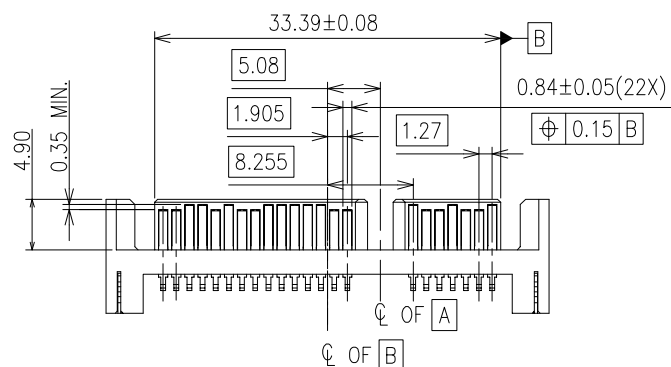
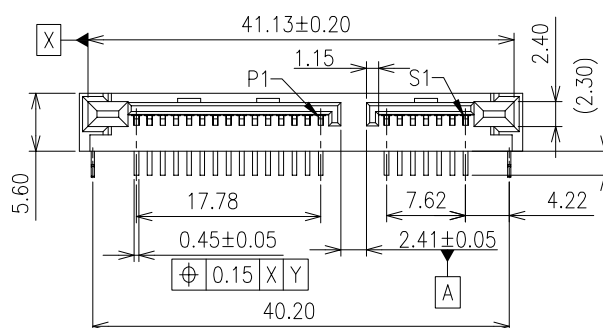
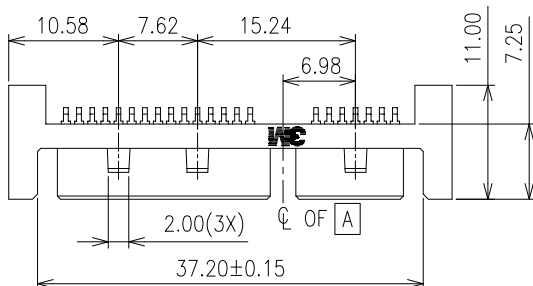
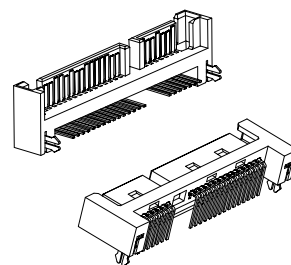
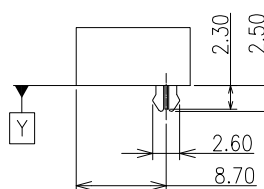


3M™ Serial Advanced Technology Attachment (SATA) Combo Connector  
Device Plug, Straddlemount and Right Angle, Through-Hole, 5622 Series

| REVISION RECORD |                    |          |
|-----------------|--------------------|----------|
| REV.            | ECR/ECN/ECO NUMBER | DATE     |
| A               | ECO-0037415        | 23/07/12 |



RECOMMENDED PCB LAYOUT



RIGHT ANGLE THROUGH HOLE

NOTES:

1. RoHS COMPLIANT. SEE REGULATORY INFORMATION APPENDIX IN "RoHS COMPLIANCE" SECTION AT WWW.3M.COM/INTERCONNECT (E1 & C1 APPLY)

2. MEETS SATA SPECIFICATION

3. PHYSICAL:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94V-0

Contact: Copper Alloy

Plating: ML: 30u" MIN. Au AT MATING AREA

50u" MIN. Ni UNDERPLATE

100u" MIN. Sn AT TERMINATION AREA

4. ELECTRICAL:

CURRENT RATING: 1.5A

INSULATION RESISTANCE:  $10^3$  MΩ(MINIMUM)

WITHSTANDING VOLTAGE: 500V<sub>ac</sub> AT SEA LEVEL

5. ENVIRONMENTAL:

OPERATING TEMPERATURE RANGE: -40°C TO +85°C




6. UL FILE NO. E68080

7. ORDERING INFORMATION:

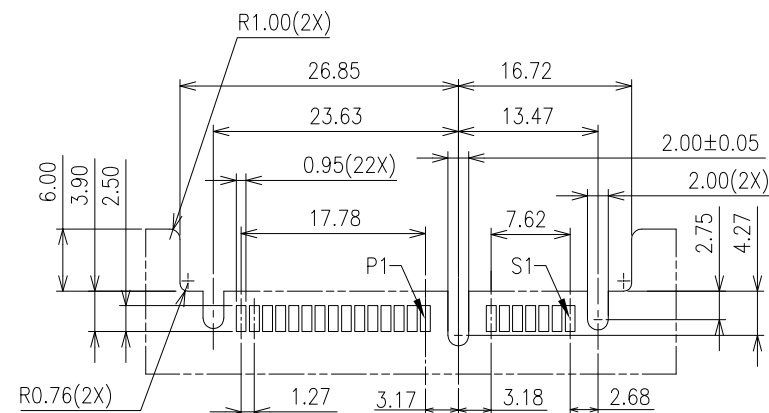
5622-4100-ML (RIGHT-ANGLE THROUGH HOLE)



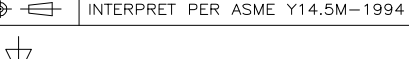
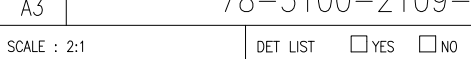
5622-6309-ML (STRADDELMOUNT)

Visit <http://www.3Mconnector.com>

|  |  |               |                  |   |                            |   |                    |
|--|--|---------------|------------------|---|----------------------------|---|--------------------|
| UNIT: MM   | DFTG   | OH KIM CHYE   | DATE<br>23/07/12 |    | DIVISION                   | ESD   | STATUS<br>RELEASED |
| GEN. TOLERANCES  | CHKD   | QIAO YUN LONG | DATE<br>23/07/12 |   | MODEL                      | _____   |                    |
| LINEAR<br>.0 = ±0.25 ±0.38<br>.00 = ±0.15 ±0.25<br>.000 = ±0.05                                  | APPVL  | ROY LIM       | DATE<br>23/07/12 | TITLE<br>Serial Advanced Technology Attachment (SATA) Combo Connector<br>Device Plug, Straddlemount and Right Angle, Through-Hole |                            |   |                    |
| ANGLE ±° ±'  | THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. ©3M 2012. ALL RIGHTS RESERVED. |               |                  | SIZE<br>A3  | DRAWING NO. 78-5100-2109-6 |   | REV<br>A           |
| PROJECTION  | INTERPRET PER ASME Y14.5M-1994   |               |                  |   |                            |   |                    |
|             |  |               |                  | SCALE : 2:1   |                            | DET LIST <input type="checkbox"/> YES <input type="checkbox"/> NO | SHT 1 of 2         |

| REVISION RECORD       |                    |      |
|-----------------------|--------------------|------|
| REV.                  | ECR/ECN/ECO NUMBER | DATE |
| —REFER TO SHT 1 of 2— |                    |      |

[illegible]

|  |  |               |                  |  |             |   |                    |
|--|--|---------------|------------------|--|-------------|---|--------------------|
| UNIT: MM   | DFTG   | OH KIM CHYE   | DATE<br>23/07/12 |   | DIVISION    | ESD   | STATUS<br>RELEASED |
| GEN. TOLERANCES  | CHKD   | QIAO YUN LONG | DATE<br>23/07/12 |  | MODEL       | _____   |                    |
| LINEAR<br>.0 = ± 0.25<br>.00 = ± 0.15<br>.000 = ± 0.05   | APPL   | ROY LIM       | DATE<br>23/07/12 | TITLE<br>Serial Advanced Technology Attachment (SATA) Combo Connector<br>Device Plug, Straddle Mount and Right Angle, Through-Hole |             |   |                    |
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| PROJECTION  | INTERPRET PER ASME Y14.5M-1994   |               |                  | SCALE : 2:1  |             | DET LIST <input type="checkbox"/> YES <input type="checkbox"/> NO | SHT 2 of 2         |
|             |  |               |                  |   |             |   |                    |

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