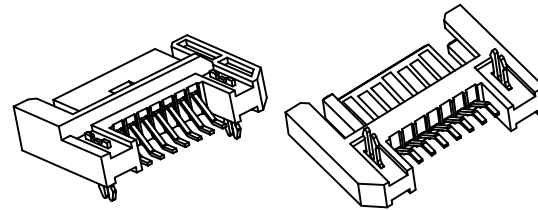
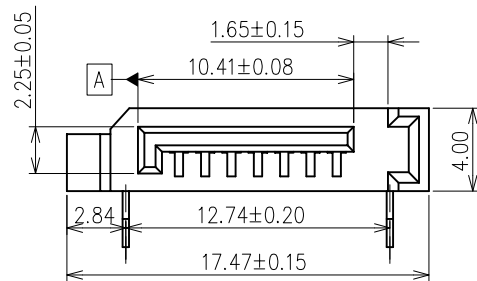
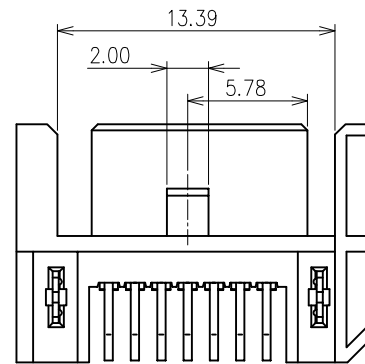
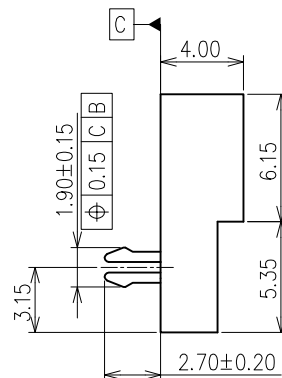
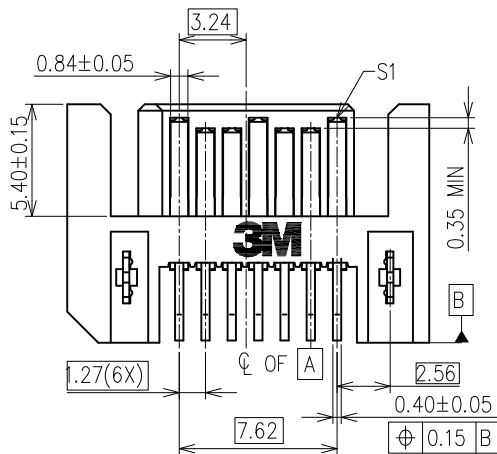


3M™ Serial Advanced Technology Attachment (SATA) Connector
Signal Plug, Boardmount, Surface Mount Right Angle and PTH Vertical

REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
A	ECO-0041953	27/11/12

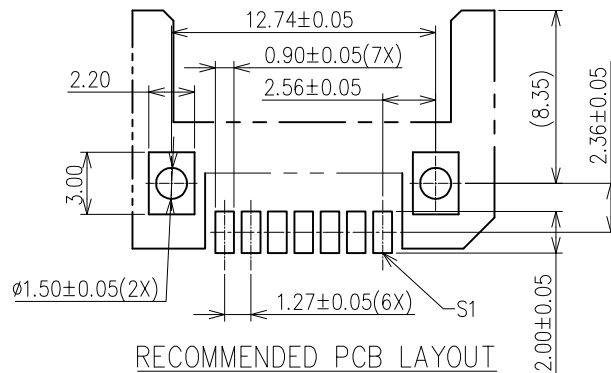


RIGHT ANGLE SURFACE MOUNT



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: SH: GOLD FLASH AT MATING AREA
50u" MIN. Ni UNDERPLATE
100u" MIN. Sn AT TERMINATION AREA
4. ELECTRICAL:
CURRENT RATING: POWER PIN: 1.5A
INSULATION RESISTANCE: 10^9 MΩ min.
WITHSTANDING VOLTAGE: 500V_{ac} AT SEA LEVEL
5. ENVIRONMENTAL:
OPERATING TEMPERATURE RANGE: -40°C TO +85°C
6. UL FILE NO. E68080
7. ORDERING INFORMATION:
5607-4200-SH (RIGHT ANGLE SURFACE MOUNT)
5607-5102-SH (VERTICAL THROUGH HOLE)



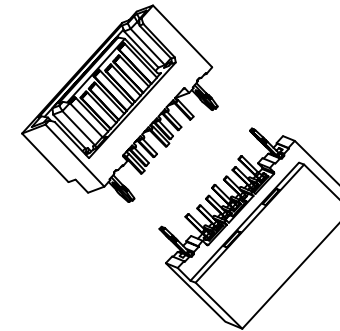
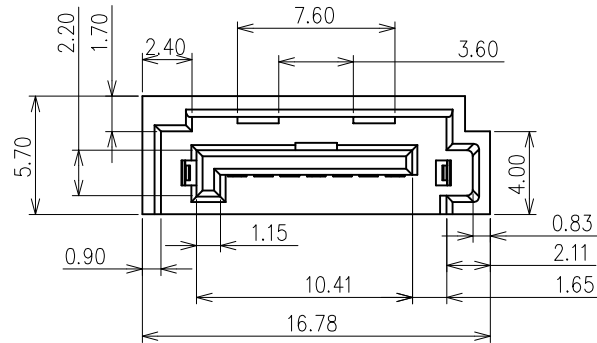
RECOMMENDED PCB LAYOUT

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

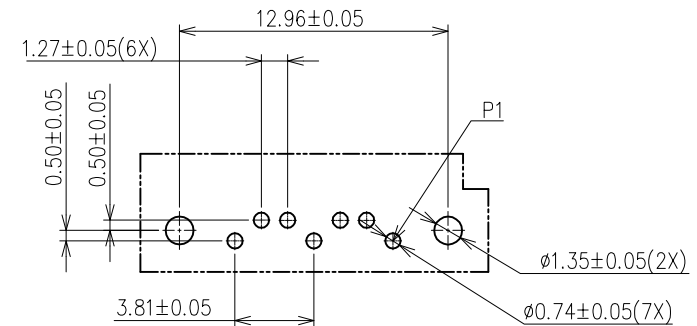
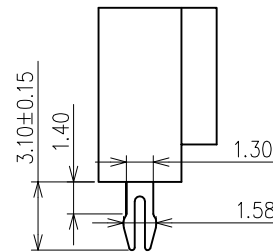
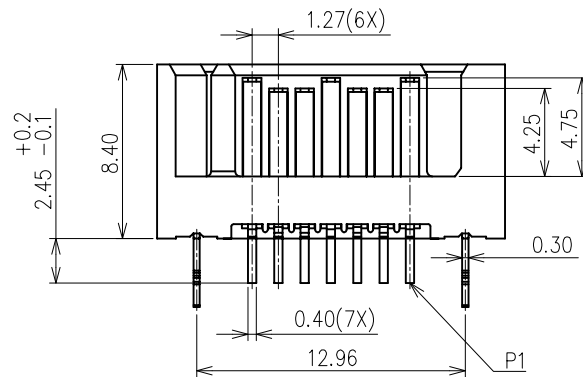
UNIT: MM	DFTG	OH KIM CHYE	DATE 27/11/12	3M APAC INNOVATION CENTRE	DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 27/11/12		MODEL	_____	
LINEAR .0 = ±0.25 ±0.38 .00 = ±0.15 ±0.25 .000 = ±0.05	APPVL	ALAN ANG	DATE 27/11/12	TITLE Serial Advanced Technology Attachment (SATA) Connector Signal Plug, Boardmount, Surface Mount Right Angle and PTH Vertical			
ANGLE = ±1° ±3°	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 2013. ALL RIGHTS RESERVED.			SIZE A3	DRAWING NO. 78-5100-2108-8		REV A
PROJECTION 	INTERPRET PER ASME Y14.5M-1994						
	CRITICAL DIMENSION: ▲			SCALE : 4:1		DET LIST ☐ YES ☐ NO	SHT 1 of 2

3M™ Serial Advanced Technology Attachment (SATA) Connector
Signal Plug, Boardmount, Surface Mount Right Angle and PTH Vertical

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



VERTICAL THROUGH-HOLE



RECOMMENDED PCB LAYOUT

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

UNIT: MM	DFTG	OH KIM CHYE	DATE 27/11/12		DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 27/11/12		MODEL	_____	
LINEAR .0 = ±0.25 ±0.38 .00 = ±0.15 ±0.25 .000 = ±0.05	APPVL	ALAN ANG	DATE 27/11/12	TITLE Serial Advanced Technology Attachment (SATA) Connector Signal Plug, Boardmount, Surface Mount Right Angle and PTH Vertical			
ANGLE = ±1° ±3°	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 2013. ALL RIGHTS RESERVED.						
PROJECTION				INTERPRET PER ASME Y14.5M-1994	SIZE A3	DRAWING NO. 78-5100-2108-8	REV A
	CRITICAL DIMENSION: ▲			SCALE : NTS	DET LIST	☐ YES ☐ NO	SHT 2 of 2