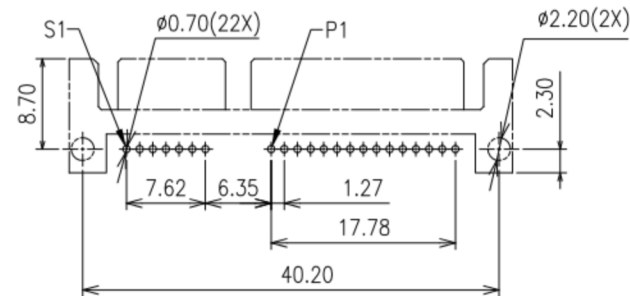
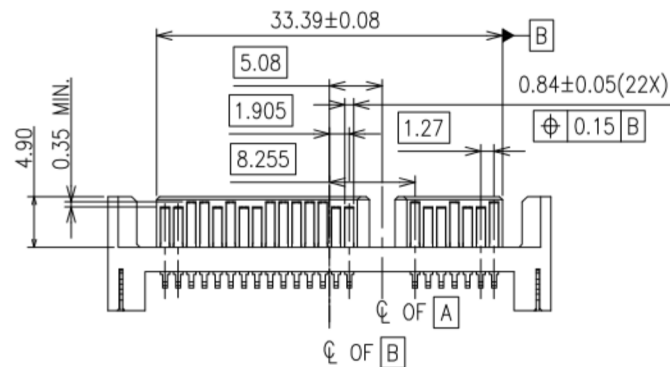
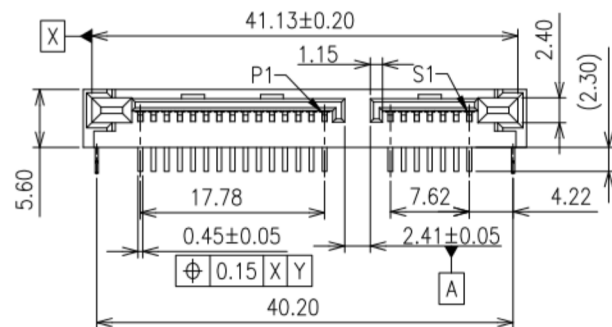
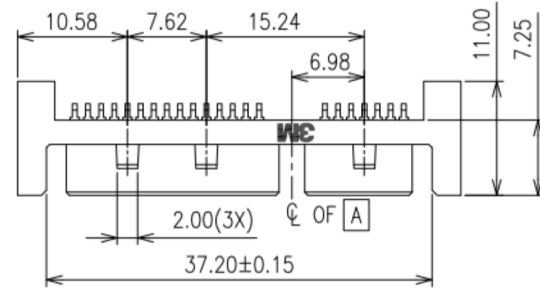
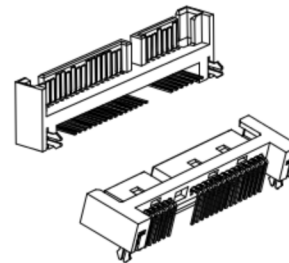
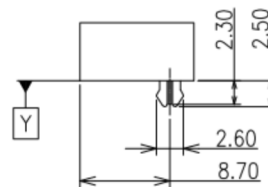


3M™ Serial Advanced Technology Attachment (SATA) Combo Connector
Device Plug, Straddle Mount and Right Angle, Through-Hole, 5622 Series

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



RECOMMENDED PCB LAYOUT






RIGHT ANGLE THROUGH HOLE

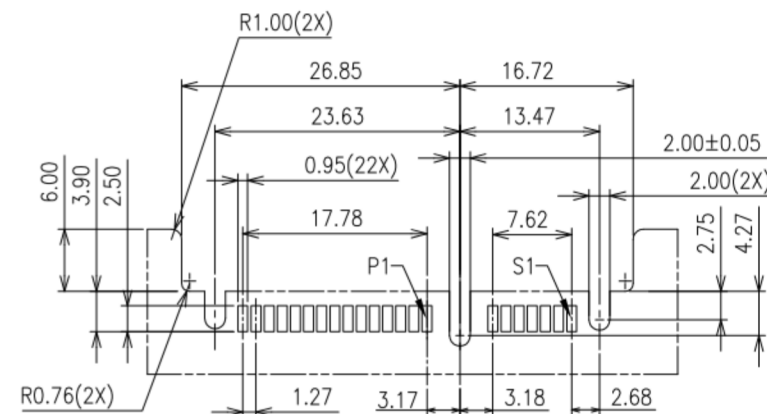
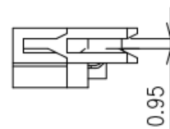
NOTES:

1. RoHS COMPLIANT. SEE REGULATORY INFORMATION APPENDIX IN "RoHS COMPLIANCE" SECTION AT [WWW.3M.COM/INTERCONNECT](http://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_{ac} 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 (STRADDLEMOUNT)

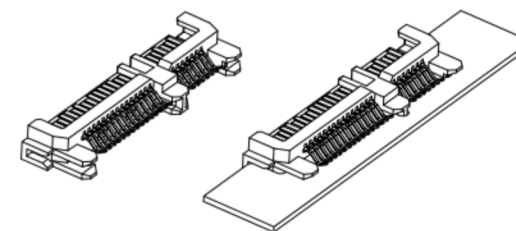
Visit <http://www.3mconnector.com>

UNIT: MM	DFTG	OH KIM CHYE	DATE 23/07/12		DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 23/07/12		MODEL	_____	
LINEAR .0 = ±0.25 ±0.38 .00 = ±0.15 ±0.25 .000= ±0.05	APPVL	ROY LIM	DATE 23/07/12	TITLE Serial Advanced Technology Attachment (SATA) Combo Connector Device Plug, Straddlemount and Right Angle, Through-Hole			
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 2012. ALL RIGHTS RESERVED.			SIZE A3	DRAWING NO. 78-5100-2109-6		REV 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

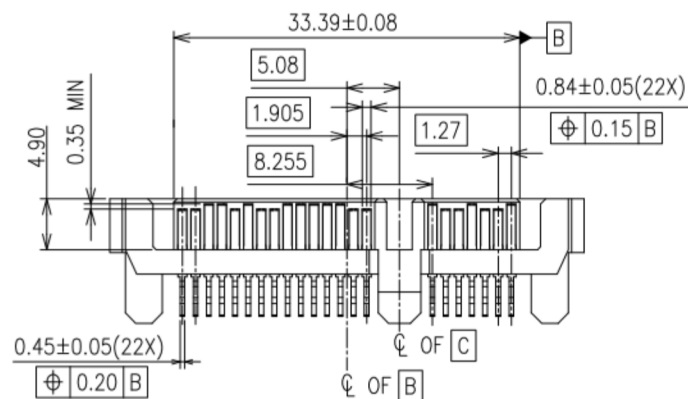
REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
—REFER TO SHT 1 of 2—		





RECOMMENDED PCB LAYOUT
PCB THICKNESS 1.04+0.13/-0.08



STRADDLEMOUNT



UNIT: MM	DFTG	OH KIM CHYE	DATE 23/07/12		DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 23/07/12		MODEL	_____	
LINEAR .0 = ± 0.25 .00 = ± 0.15 .000 = ± 0.05	APPL	ROY LIM	DATE 23/07/12	TITLE Serial Advanced Technology Attachment (SATA) Combo Connector Device Plug, Straddle Mount 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 A3	DRAWING NO.	78-5100-2109-6	REV A
PROJECTION 	INTERPRET PER ASME Y14.5M-1994			SCALE : 2:1		DET LIST <input type="checkbox"/> YES <input type="checkbox"/> NO	SHT 2 of 2