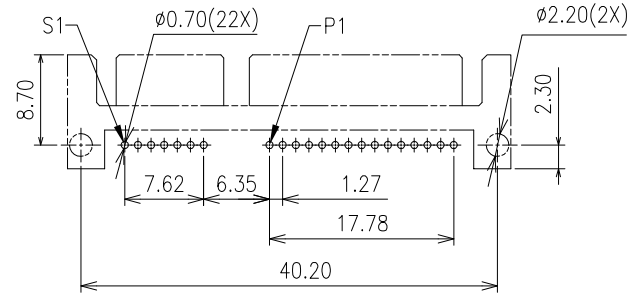
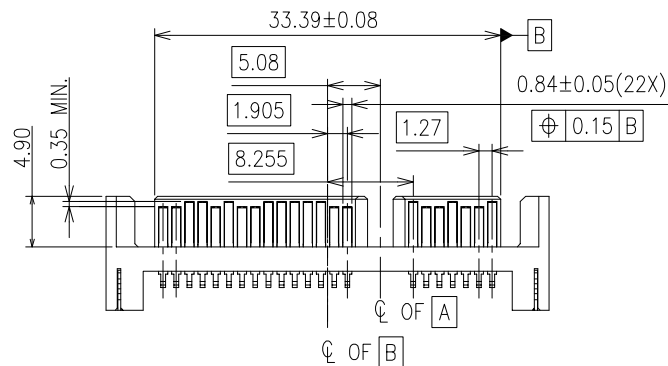
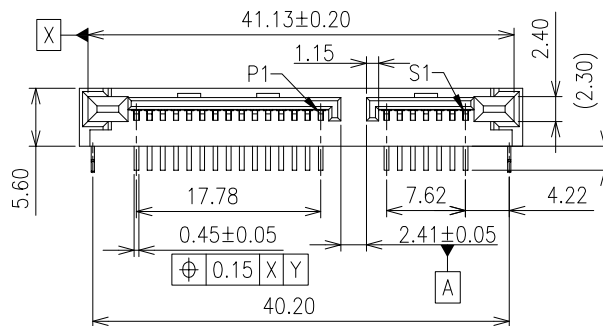
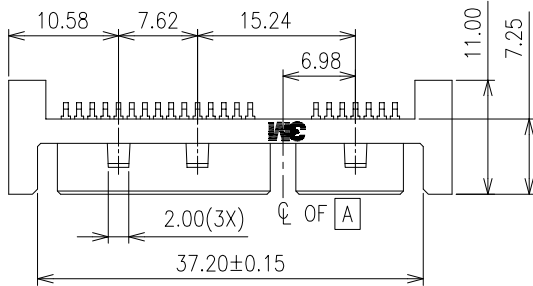
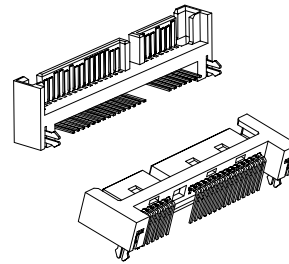
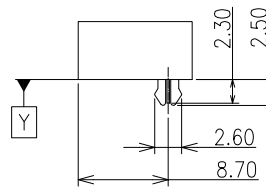


3M™ Serial Advanced Technology Attachment (SATA) Combo Connector
Device Plug, Straddlemount and Right Angle, Through-Hole, 5622 Series

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



RECOMMENDED PCB LAYOUT



RIGHT ANGLE THROUGH HOLE

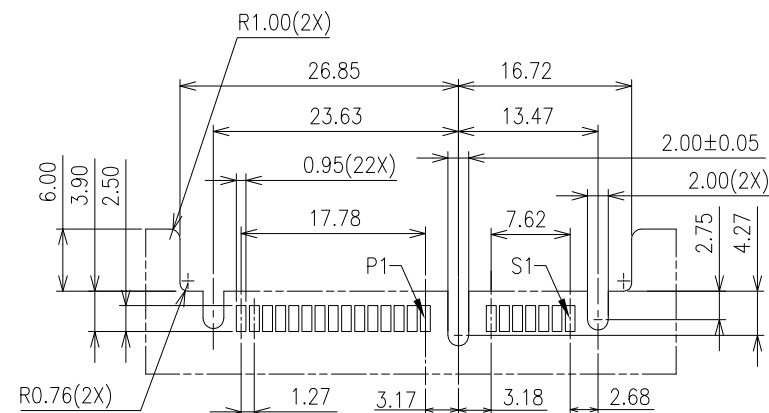
NOTES:

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_{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 (STRADDELMOUNT)

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 ±° ±'	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.						
PROJECTION 	INTERPRET PER ASME Y14.5M-1994			SIZE A3	DRAWING NO. 78-5100-2109-6		REV A
				SCALE : 2:1		DET LIST ☐ YES ☐ NO	SHT 1 of 2

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



Technical drawing of a mechanical part showing dimensions and tolerances. The drawing includes a side view and a cross-sectional view. Key dimensions and tolerances are:

- Overall length: 33.39 ± 0.08
- Top surface width: 5.08
- Top surface width: 1.905
- Top surface width: 8.255
- Top surface width: 1.27
- Top surface width: $0.84 \pm 0.05 (22X)$
- Top surface width: $\varnothing 0.15 B$
- Top surface width: $0.45 \pm 0.05 (22X)$
- Top surface width: $\varnothing 0.20 B$
- Top surface width: $\varnothing OF C$
- Top surface width: $\varnothing OF B$
- Top surface width: 4.90
- Top surface width: 0.35 MIN

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	APPVL	ROY LIM	DATE 23/07/12	TITLE Serial Advanced Technology Attachment (SATA) Combo Connector Device Plug, Straddle Mount 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 ☐ YES ☐ NO	SHT 2 of 2
