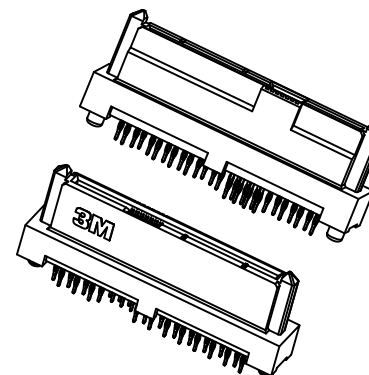
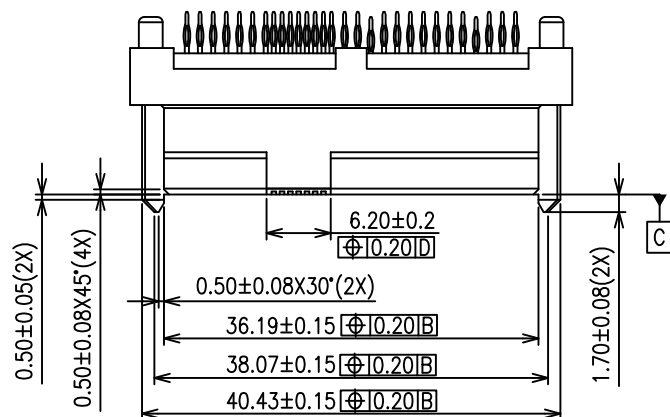


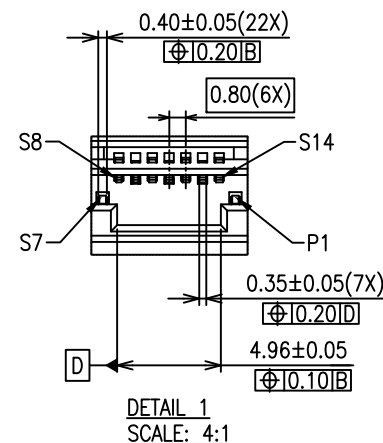
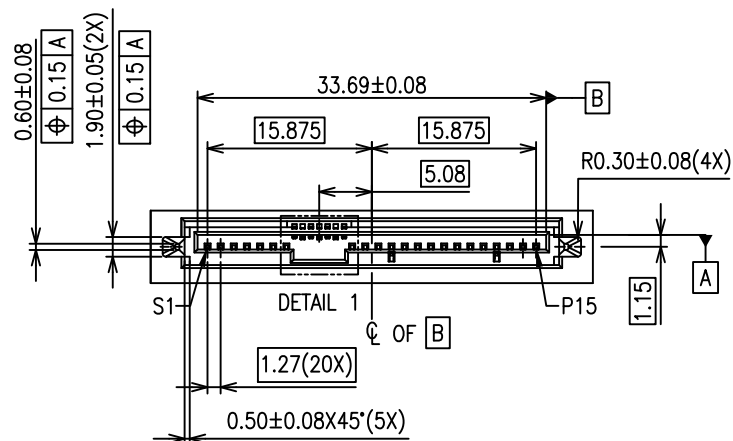
3M™ Serial Attached SCSI (SAS) Connector
Boardmount Compliant Pin, Vertical Elevated Receptacle, SBR Series

REVISION RECORD

REV.	ECR/ECN/ECO NUMBER	DATE
A	ECR/ECO-0045644	02/01/13






NOT TO SCALE



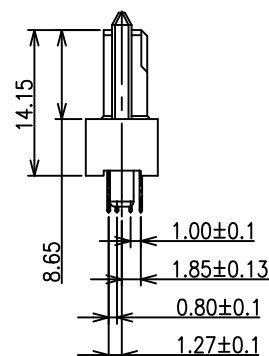
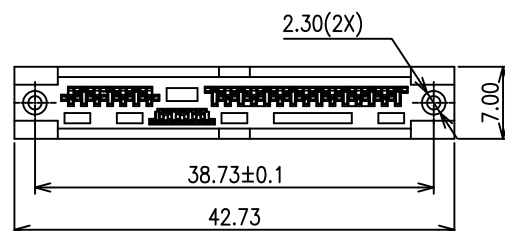
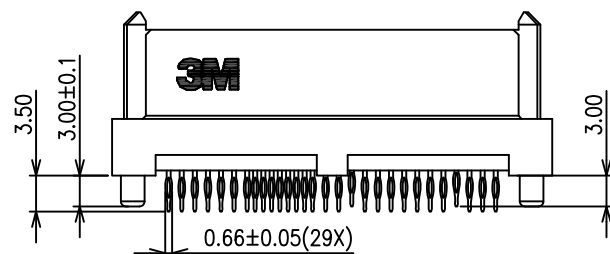
DETAIL 1
SCALE: 4:1

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

UNIT: MM	DFTG	OH KIM CHYE	DATE 02/01/13		DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 02/01/13		MODEL	_____	
LINEAR .0 ±0.25 .00 ±0.15 ±0.25 .000 ±0.05	APPVL	ALAN ANG	DATE 02/01/13	TITLE Serial Attached SCSI (SAS) Connector Boardmount Compliant Pin, Vertical Elevated Receptacle			
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. 78-5100-2177-3		REV D
PROJECTION 	INTERPRET PER ASME Y14.5M-1994			SCALE : 2:1		DET LIST <input type="checkbox"/> YES <input type="checkbox"/> NO	SHT 1 of 2
	CRITICAL DIMENSION: ▲						

3M™ Serial Attached SCSI (SAS) Connector
Boardmount Compliant Pin, Vertical Elevated Receptacle, SBR Series

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



NOTES:

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

2. MEETS SPECIFICATION SAS 2.1
COMPLIANT TO SFF-8223, SFF-8323, SFF-8523

3. PHYSICAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY

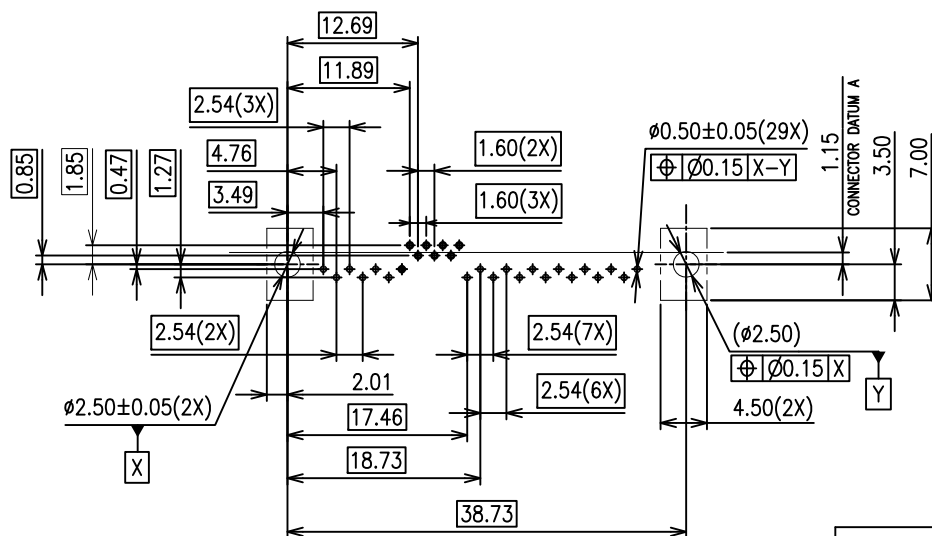
4. ELECTRICAL:
CURRENT RATING: POWER PIN: 1.5A
SIGNAL PIN: 500mA
INSULATION RESISTANCE: 10^3 MΩ min.
WITHSTANDING VOLTAGE: 500V_{ac} AT SEA LEVEL

5. ENVIRONMENTAL:
OPERATING TEMPERATURE: 0°C TO +55°C
NON-OPERATING TEMPERATURE: -40°C TO +85°C

6. UL FILE NO. E68080




7. ORDERING INFORMATION:
SBR-EV-29-P-ML

PLATING OPTION:
ML: 30u" MIN. Au AT MATING AREA
: 50u" MIN. Ni UNDERPLATE
: 100u" MIN. Sn AT TERMINATION AREA



RECOMMENDED PCB LAYOUT
PCB THICKNESS 1.60 TO 3.00
(ALL TOLERANCES ARE ±0.05)

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UNIT: MM	DFTG	OH KIM CHYE	DATE 02/01/13		DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 02/01/13		MODEL	_____	
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PROJECTION 	INTERPRET PER ASME Y14.5M-1994						
	CRITICAL DIMENSION: ▲			SCALE : 2:1		DET LIST <input type="checkbox"/> YES <input type="checkbox"/> NO	SHT 2 of 2

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