

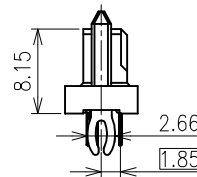
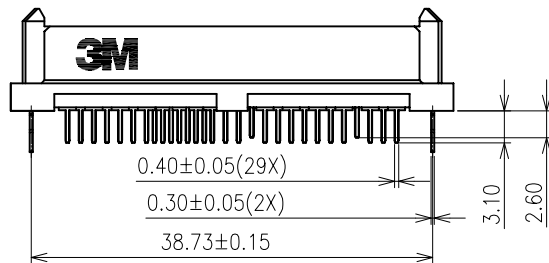
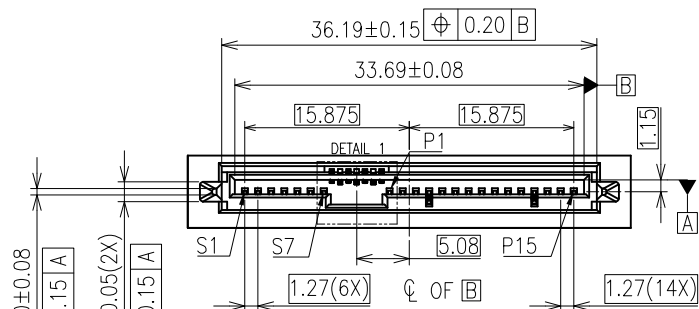
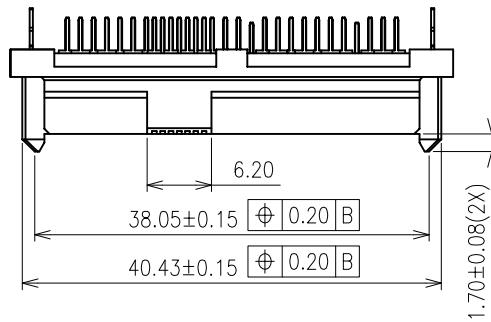
3M™ Serial Attached SCSI (SAS) Connector
Boardmount Through-Hole, Vertical Receptacle, 29 PIN, SBR Series

REVISION RECORD

REV.	ECR/ECN/ECO NUMBER	DATE
E	ECO-0042731	29/11/12

NOTES:

1. RoHS COMPLIANT. SEE REGULATORY INFORMATION APPENDIX IN "RoHS COMPLIANCE" SECTION AT www.3Mconnectors.com (E1 & C1 APPLY)
2. MEETS SPECIFICATION SAS 2.1
COMPLIANT TO SFF-8223, SFF-8323, SFF-8523, SFF-8482 REV 2.2
3. UNLESS OTHERWISE NOTED, REFERENCES TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO THE MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCES SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION."
4. PHYSICAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
5. ELECTRICAL:
CURRENT RATING: POWER PIN: 1.5A
SIGNAL PIN: 500mA
INSULATION RESISTANCE: $10^3 M\Omega$ min.
WITHSTANDING VOLTAGE: 500V_{ac} AT SEA LEVEL
6. ENVIRONMENTAL:
OPERATING TEMPERATURE RANGE: -40°C TO +85°C
7. UL FILE NO. E68080
8. ORDERING INFORMATION:
SBR-ST-29-S-ML
PLATING:
ML: 30u" MIN. Au AT MATING AREA
: 50u" MIN. Ni UNDERPLATE
: 100u" MIN. Sn AT TERMINATION AREA

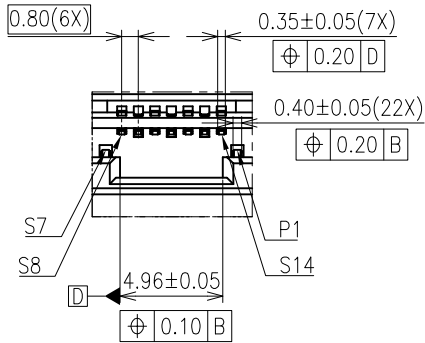


Visit <http://www.3Mconnectors.com>

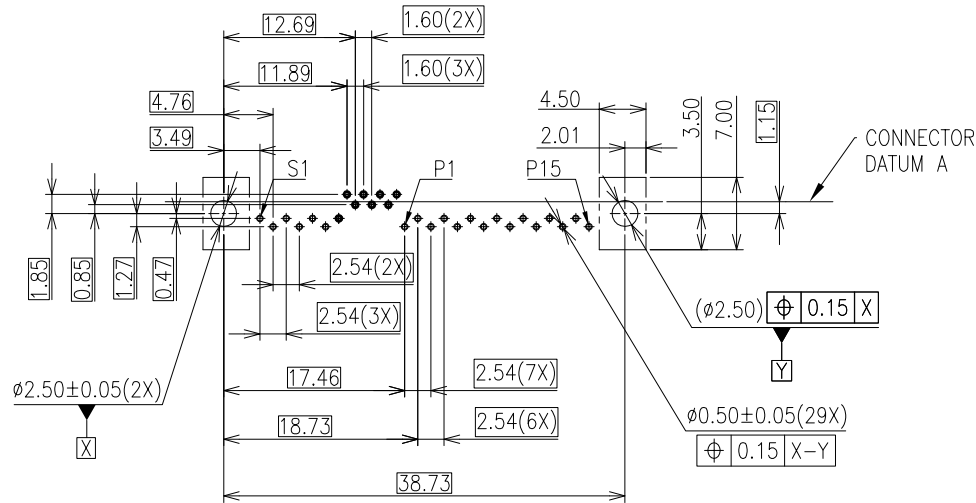
UNIT: MM	DFTG	OH KIM CHYE	DATE 29/11/12	3M APAC INNOVATION CENTRE	DIVISION	ESD	STATUS RELEASED
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 29/11/12		MODEL	_____	
LINEAR .0 =±0.25 .00 =±0.15 ±0.20 .000=±0.05	APPVL	ALAN ANG	DATE 29/11/12	TITLE Serial Attached SCSI (SAS) Connector Boardmount Through-Hole, Vertical Receptacle, 29 PIN			
ANGLE=±4° ±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. 78-5100-2204-5		REV E
PROJECTION				INTERPRET PER ASME Y14.5M-1994			
	CRITICAL DIMENSION: ▲			SCALE : 2:1		DET LIST ☐ YES ☐ NO	SHT 1 of 2

3M™ Serial Attached SCSI (SAS) Connector
Boardmount Through-Hole, Vertical Receptacle, 29 PIN, SBR Series

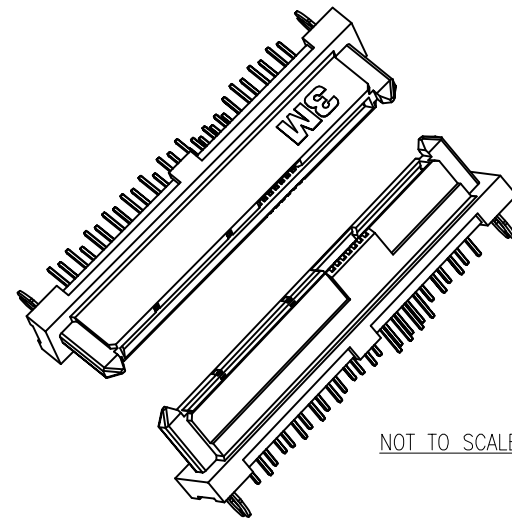
REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
REFER TO SHT 1 of 2		



DETAIL 1
SCALE: 4:1



RECOMMENDED PCB LAYOUT
PCB THICKNESS 1.50 TO 2.50



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

UNIT: MM	DFTG OH KIM CHYE	DATE 29/11/12			DIVISION ESD	STATUS RELEASED
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			DET LIST ☐ YES ☐ NO		SHT 2 of 2	