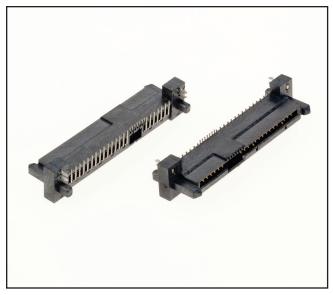
$3M^{{}^{\scriptscriptstyle{\mathsf{TM}}}}\operatorname{Serial}\operatorname{Attached}\operatorname{SCSI}\left(SAS\right)\operatorname{Connector}$

Boardmount Compliant Pin and Surface Mount, Vertical Receptacle

SBR Series



- 6 Gbps input/output connector for backplane applications
- Two contact mating levels for early-mate and latebreak allows "blind mating" or "hot swap" applications
- Capable of accepting HDD fitted with SAS or Serial Advanced Technology Attachment (SATA) Header
- Compliant pin
- Compatible with drives compliant to SFF-8223, SFF-8323, and SFF-8523
- Compliant to SFF-8482 Rev 2.2
- Meets SAS Specification, SAS-2.0
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)

Date Modified: April 22, 2010

TS-2176-E Sheet 1 of 5

Physical

Insulation:	
Material:	High Temperature Thermoplastic
Flammability:	UL94V-0
Color:	Black
Contact:	
Material:	Copper Alloy
Plating:	
Underplating:	50 μ" [1.27 μm] Min. Nickel
Wiping Area:	30 μ" [0.76 μm] Min. Gold
Solder Tails:	$100\mu^{\prime\prime}$ [$2.54\mu m$] Min. Matte Tin or Gold Flash
Marking:	3M Logo

Electrical

Current Rating:	Power Pin: 1.5 A
	Signal Pin: 500 mA
Insulation Resistance:	$10^3 \mathrm{M}\Omega$ min.
Withstanding Voltage:	$500 V_{AC}$ at sea level

Environmental

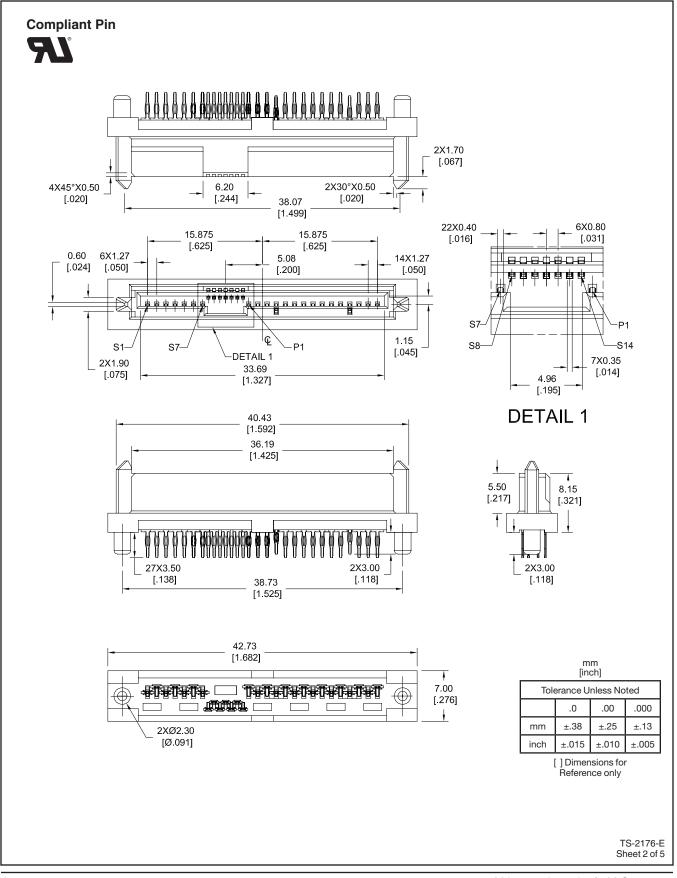
Temperature Range: -40°C to +85°C

UL File No.: E68080

$3M^{{}^{\rm TM}}\,Serial\,Attached\,SCSI\,(SAS)\,Connector$

Boardmount Compliant Pin and Surface Mount, Vertical Receptacle

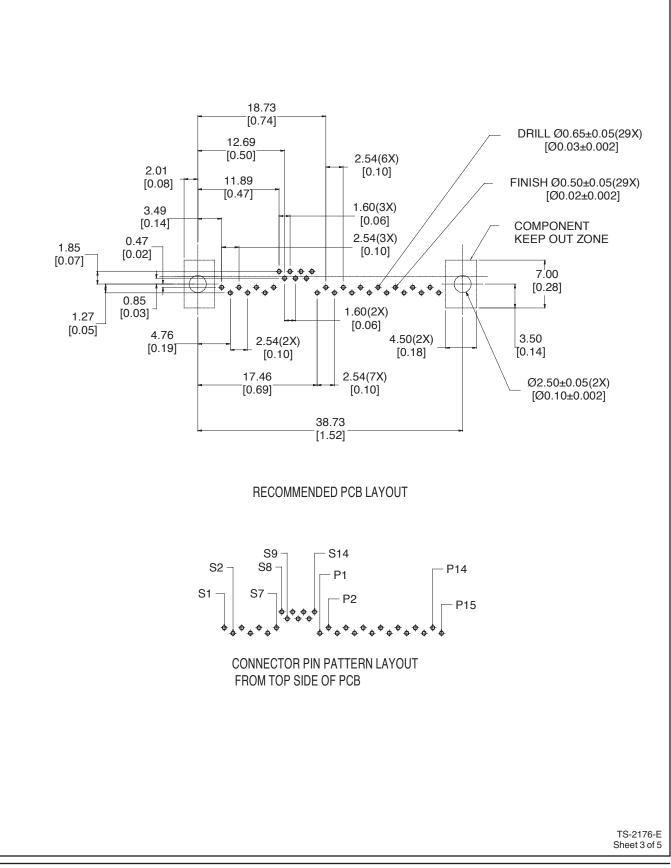
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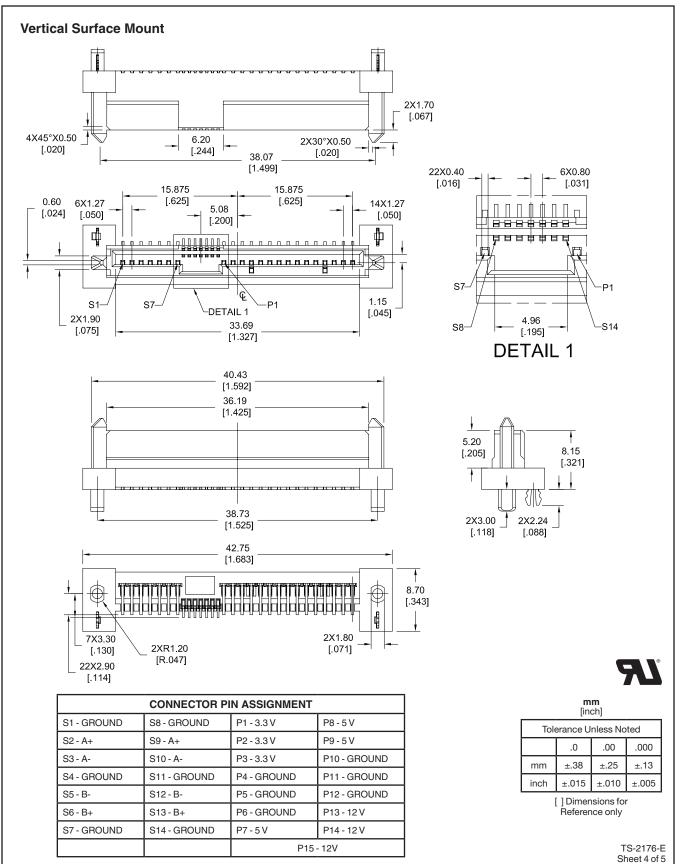
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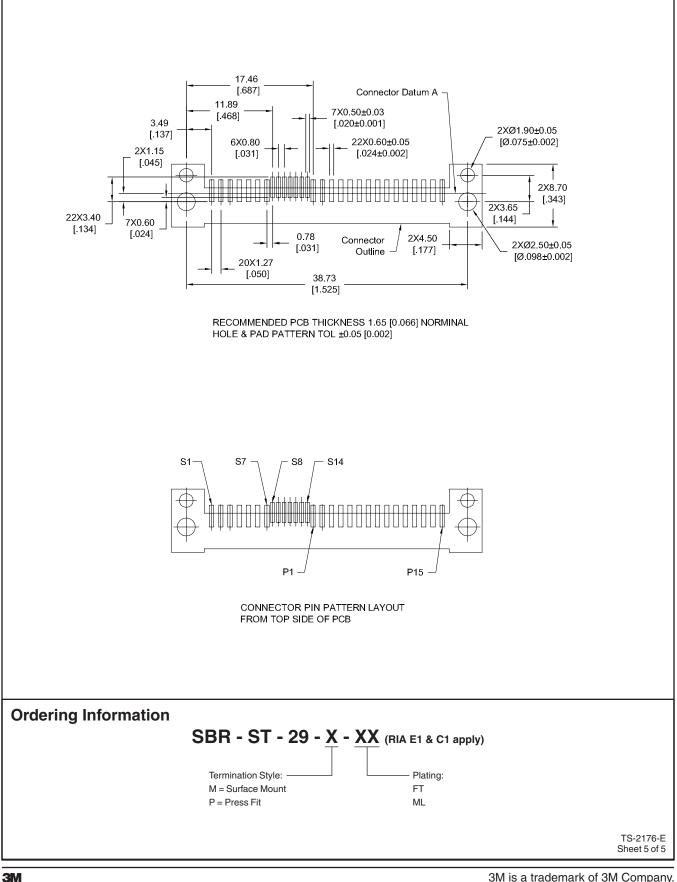


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Boardmount Compliant Pin and Surface Mount, Vertical Receptacle

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