

3M™ High Routability Internal MiniSAS To SATA(4X) Cable Assembly. 8S36 Series.

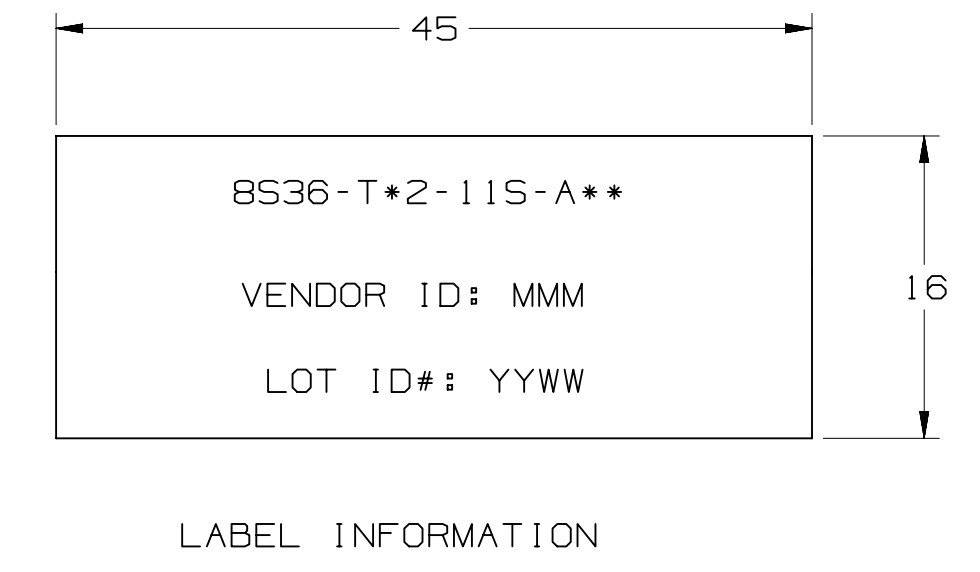
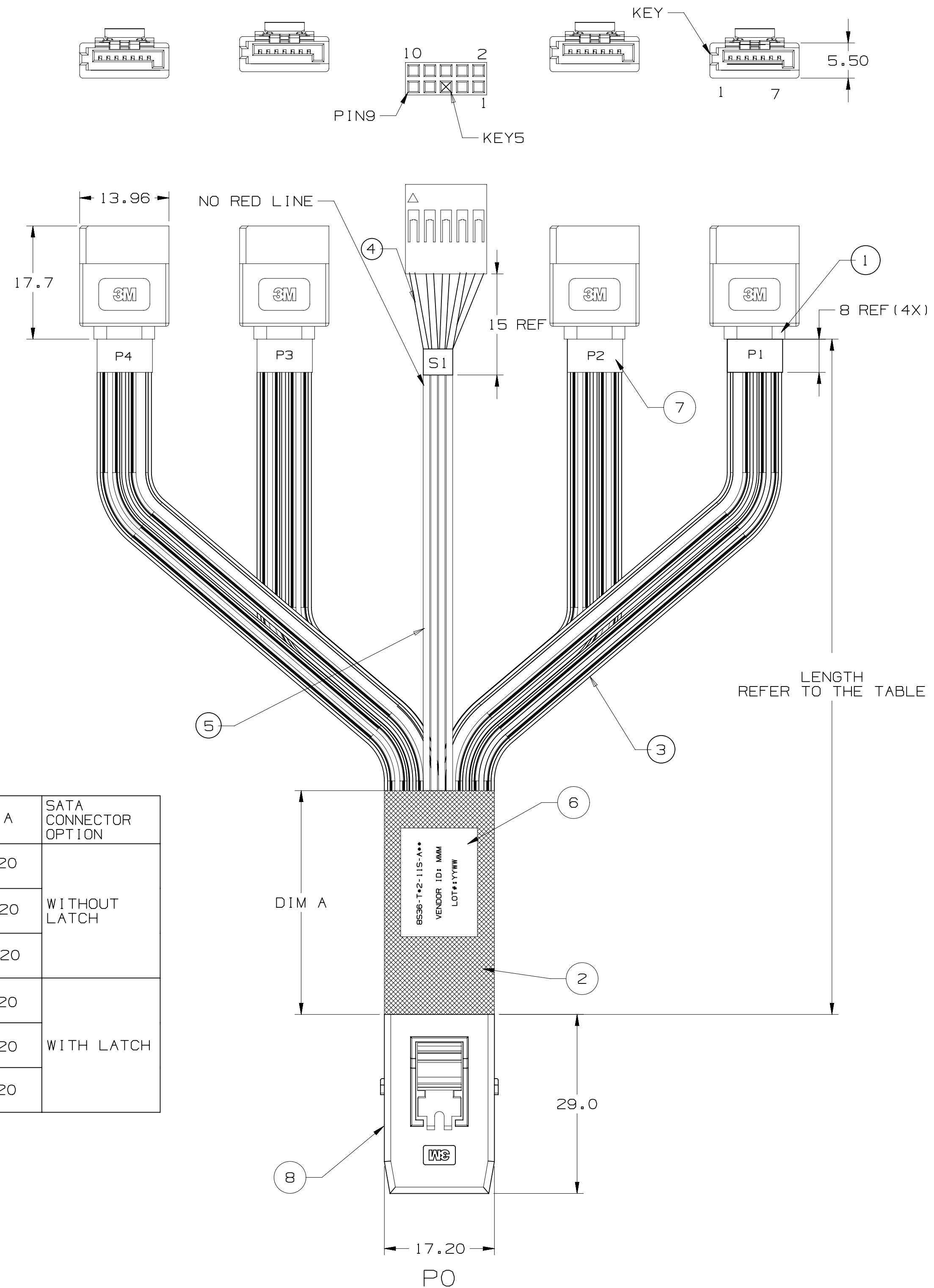
PIN OUT. (MiniSAS on BackPlane)

PA	WIRE	P1	P2	P3	P4	S1
A1	1 Drain 1	1				
A2	1 Signal 1	2				
A3	1 Signal 2	3				
A4	1 Drain 2	4				
	2 Drain 1	1				
A5	2 Signal 1	2				
A6	2 Signal 2	3				
A7	2 Drain 2	4				
A8	Gray					1
A9	Gray					9
A10	Gray					2
A11	Gray					7
A12	3 Drain 1		1			
A13	3 Singal 1		2			
A14	3 Signal 2		3			
A15	3 Drain 2		4			
	4 Drain 1			1		
A16	4 Signal1				2	
A17	4 Signal2				3	
A18	4 Drain 2				4	

PA	WIRE	P1	P2	P3	P4	S1
B1	5 Drain 1	7				
B2	5 Signal 1	6				
B3	5 Signal 2	5				
B4	5 Drain 2	4				
	6 Drain 1	7				
B5	6 Signal 1	6				
B6	6 Signal 2	5				
B7	6 Drain 2	4				
B8	Gray					10
B9	Gray					4
B10	Gray					3
B11	Gray					8
B12	7 Drain 1		7			
B13	7 Singal 1		6			
B14	7 Signal 2		5			
B15	7 Drain 2		4			
	8 Drain 1			7		
B16	8 Signal1			6		
B17	8 Signal2			5		
B18	8 Drain 2			4		

3M PART NUMBER	LENGTH P0-P1	LENGTH P0-P2	LENGTH P0-P3	LENGTH P0-P4	LENGTH P0-S1	DIM A	SATA CONNECTOR OPTION
8S36-T22-11S-A22	600±20	600±20	600±20	600±20	600±20	450±20	WITHOUT LATCH
8S36-T22-11S-A23	700±20	700±20	700±20	700±20	700±20	550±20	
8S36-T22-11S-A24	800±20	800±20	800±20	800±20	800±20	650±20	
8S36-T32-11S-A25	600±20	600±20	600±20	600±20	600±20	450±20	WITH LATCH
8S36-T32-11S-A26	700±20	700±20	700±20	700±20	700±20	550±20	
8S36-T32-11S-A27	800±20	800±20	800±20	800±20	800±20	650±20	

8	MiniSAS 36P Connector Kit	1x
7	Label, SATA CONNECTOR IDENTIFIER. 15MMX8MM PRINTING AREA, WHITE/TRANSPARENT TYPE.	4x
6	Label, PART NUMBER, 45MMX16MM PRINTING AREA, WHITE/TRANSPARENT TYPE	1x
5	SIDE BAND CABLE : 28AWG TIN PLATED COPPER CONDUCTOR WITH PVC INSULATION.P/N:3625/08	AS PER LENGTH
4	SIDE BAND CONNECTOR : JWT PART NUMBER : PINS KEY, HSG: A2541H02-2X5P, MATERIAL: PBT, TERMINAL: A2541T3P-00(9X), P6 WITH GOLD FLASH.	1x
3	CABLE: RIBBON TWIN AX, 150 V, 80 C. SIGNAL, SILVER PLATED COPPER CONDUCTOR WITH 30 AWG. CABLE P/N : SL8803/08-10DN5-00	AS PER LENGTH
2	ACETATE TAPE	AS PER LENGTH
1	SATA CONNECTOR : 7P FEMALE STRAIGHT, 15" MICRO INCH GOLD PLATED WITH OR WITHOUT LATCH	4x
ITEM	SPECIFICATION	QTY



NOTES:

- MATERIAL :
OVER MOULD: PBT VO
LATCH -STAIN LESS STEEL ALLOY.
PCB: FR4.
- PRODUCT SPECIFICATION: PS-0116.
- THIS PRODUCT CONFORMS TO THE MECHANICAL AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SFF8086 & SFF8087.
- REGULATORY INFORMATION.
RoHS COMPLIANT, SEE THE REGULATORY INFORMATION OPENDIX(RIA) IN THE "RoHS compliance" SECTION OF WWW.3Mconnector.COM COMPLIANCE INFO. (RIA E1 & C1 APPLY).
- THIS UNIQUE CABLE CONSTRUCTION HAS A THIN ALUMINIUM INNER LAYER EXPOSED AT EACH EDGE. USERS SHOULD ASSESS WHETHER THE EXPOSED EDGE PRESENTS A SHORTING RISK IN THEIR SPECIFIC APPLICATION. INSULATING TAPE MAY BE APPLIED AT THE CABLE ASSEMBLY LEVEL, AS NEEDED TO COVER THIS EXPOSED EDGE IN RISK AREAS.

WWW.3Mconnectors.com

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
B 47119				JUL 17,2013 update label content	RAO	RAO
A 0038503				JAN 19,2012	RAO	RAO
DRG	RAO VITTAPALLI	DATE	JUL 17,2013	DRG	DATE	JUL 17,2013
APPV	RAO VITTAPALLI	DATE	JUL 17,2013	APPV	DATE	JUL 17,2013
APPR	ALAN ANG	DATE	JUL 17,2013	APPR	DATE	JUL 17,2013

DO NOT SCALE DRAWING	SCALE 2/1	TOLERANCES EXCEPT AS NOTED
THIRD ANGLE PROJECTION	INCHES	MILLIMETERS
INTERPRET PER ASME Y14.5 - 1994	0 ± .1	0 ± .5
MAX SURFACE ROUGHNESS	.00 ± .25	.00 ± .25
125	ALL SURFACES	.000 ± .050
✓	MARKED ONLY	ANGLES ± 1°

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TITLE CUSTOMER DRAWING MINI-SAS TO SATA FANOUT WITH SIDEBANDS			
CAGE NUMBER	SIZE	DRAWING NO.	REV.
D		78-5100-2492-6	B
MODEL	DET	1/1	SHT 1 OF 1