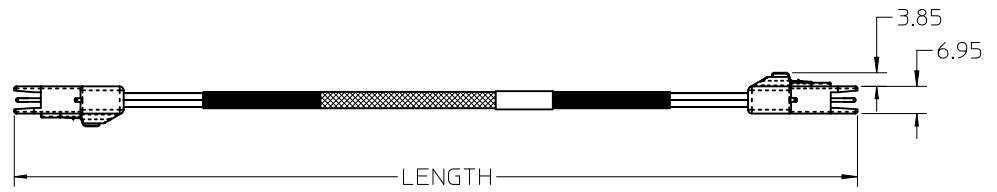
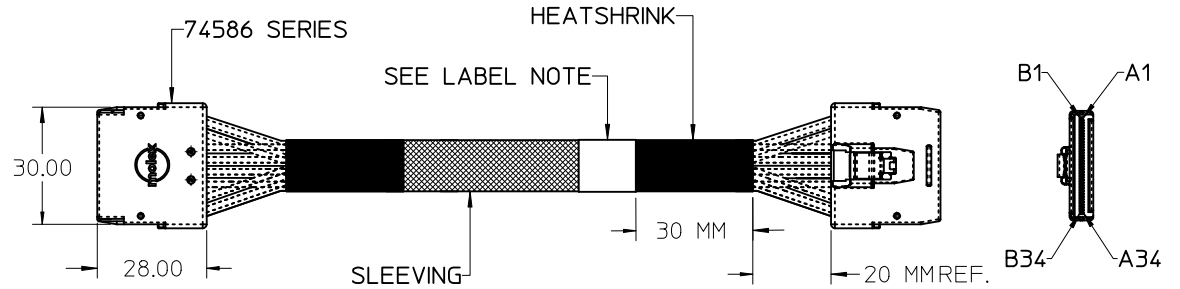


MOLEX P/N	SIDEBANDS	APPLICATION	SLEEVING	AWG	LENGTH(M)	Tol(+/-)	PINOUT
745862100	YES	CTRL TO BP	YES	30	0.5	0.015 PINOUT	1
745862101	YES	CTRL TO BP	YES	30	0.3	0.015 PINOUT	1
745862102	YES	CTRL TO BP	NO	30	0.152	0.015 PINOUT	1
745862103	YES	CTRL TO BP	YES	28	0.6	0.015 PINOUT	1
745862104	YES	CTRL TO BP	YES	28	1	0.015 PINOUT	1
745862105	YES	CTRL TO BP	YES	30	0.2	0.015 PINOUT	1
745862110	YES	CTRL TO CTRL	NO	30	0.152	0.015 PINOUT	2
745862111	YES	CTRL TO CTRL	YES	30	0.3	0.015 PINOUT	2
745862112	YES	CTRL TO CTRL	YES	30	0.5	0.015 PINOUT	2
745862113	YES	CTRL TO CTRL	YES	28	0.6	0.015 PINOUT	2
745862114	YES	CTRL TO CTRL	YES	28	1	0.015 PINOUT	2
745862120	YES	N/A	NO	30	0.152	0.015 PINOUT	3
745862121	YES	N/A	YES	30	0.5	0.015 PINOUT	3
745862122	YES	N/A	YES	30	0.3	0.015 PINOUT	3
745862123	YES	N/A	YES	28	0.6	0.015 PINOUT	3
745862124	YES	N/A	YES	28	1	0.015 PINOUT	3



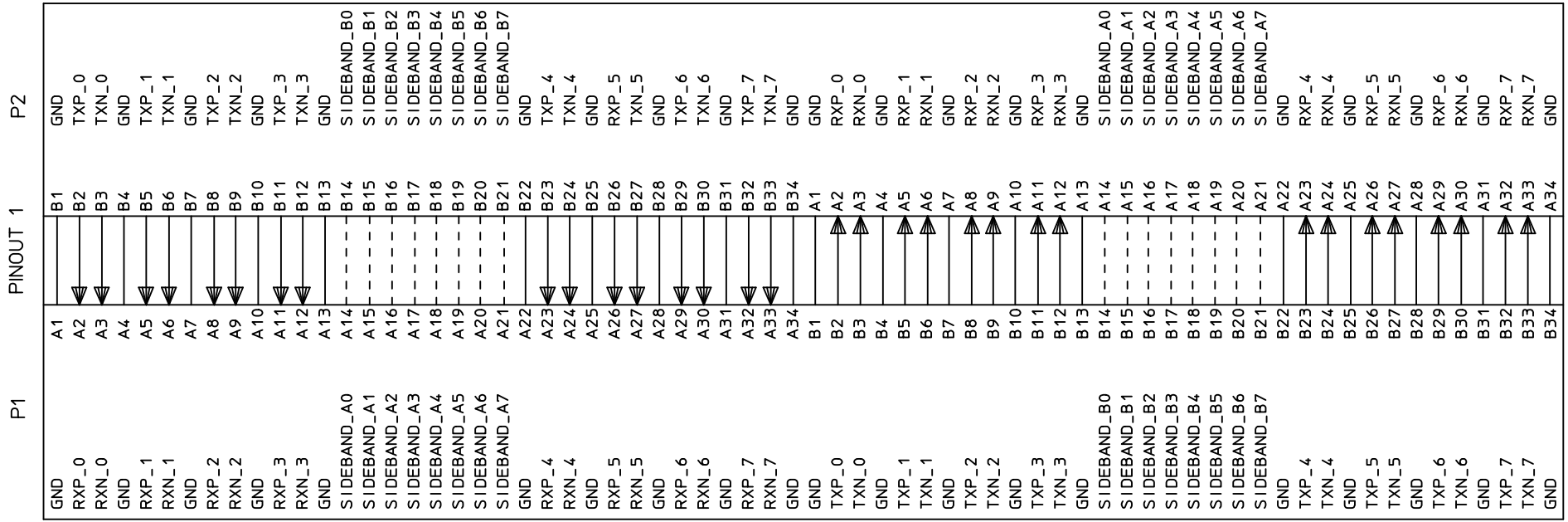
NOTES:

- MATERIAL:**
 OVER MOLD - POLYBUTYLENE TEREPHTHALATE (PBT), 94-V0, GLASS FILLED 30%.
 LATCH - STAINLESS STEEL ALLOY.
 CABLE -
 SIGNALS PVC INSULATION
 SOLID COPPER SIGNAL AND DRAIN.
 INNER DIELECTRIC IS POLYOLEFIN
 TWIN-AX SHIELD IS ALUMINIZED POLYESTER FOIL.
 JACKET - PVC RED
 PCB - FR4
- PRODUCT TO PERFORM PER**
 PRODUCT SPECIFICATION: PS-79536-001.
- PRODUCT MATES TO 75783 (RIGHT ANGLE) AND 75784 (VERTICAL) SERIES.**
- THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING AND ELECTRICAL PERFORMANCE REQUIREMENTS OF SFF-8087.**
- MINIMUM RECOMMENDED BEND RADIUS 28 MM.**
- THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC).**
- LABEL INFO.**
 MOLEX
 <<PART NUMBER>>
 MADE IN CHINA
 WW/YY



IPASS™ IS A TRADEMARK OF MOLEX.

SLEEVING COLUMN EC NO: USY2011-0002 IT DRWN: JERWIN 2007/10/12 CHKD: BSCHOESTER 2006/04/10 APPR: DDOYD 2010/07/07 REV	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---	DIMENSION STYLE MM ONLY DRAWN BY DATE JERWIN 2006/04/10 CHECKED BY DATE THALL 2006/04/10 APPROVED BY DATE DDOYD 2006/04/10	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS MOLEX INCORPORATED	MATERIAL NO. SEE CHART SIZE B	DOCUMENT NO. SD-74586-200	SHEET NO. 1 OF 4	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	MOLEX INCORPORATED								
	IPASS™ IS A TRADEMARK OF MOLEX.								



NOTE
1. ALL SIGNAL GROUNDS ARE BUSSED IN PCB.

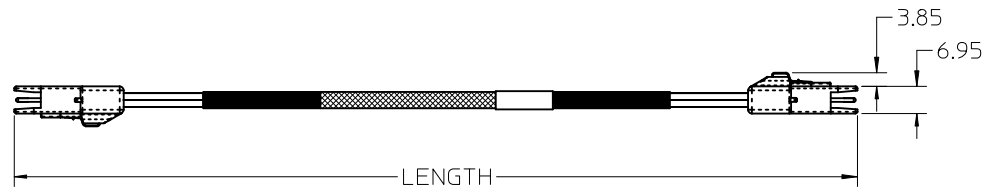
SLEEVING COLUMN EC NO: USY2011-0002 DRWN: JERWIN 2007/10/12 CHKD: BSCHOESTER 2006/04/10 APPR: DDOYVE 2010/07/07	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1°	DIMENSION STYLE MM ONLY DRAWN BY DATE JERWIN 2006/04/10 CHECKED BY DATE THALL 2006/04/10 APPROVED BY DATE DDOYVE 2006/04/10	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	IPASS™ IS A TRADEMARK OF MOLEX IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS	TITLE MOLEX INCORPORATED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-74586-200	SHEET NO. 2 OF 4		
	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

P2
PINOUT 2
P1

Signal	P1	PINOUT 2	P2
GND	A1	B1	GND
RXP_0	A2	B2	TXP_0
RXN_0	A3	B3	TXN_0
GND	A4	B4	GND
RXP_1	A5	B5	TXP_1
RXN_1	A6	B6	TXN_1
GND	A7	B7	GND
RXP_2	A8	B8	TXP_2
RXN_2	A9	B9	TXN_2
GND	A10	B10	GND
RXP_3	A11	B11	TXP_3
RXN_3	A12	B12	TXN_3
GND	A13	B13	GND
SIDE BAND_A0	A14	B21	SIDE BAND_B0
SIDE BAND_A1	A15	B20	SIDE BAND_B1
SIDE BAND_A2	A16	B19	SIDE BAND_B2
SIDE BAND_A3	A17	B18	SIDE BAND_B3
SIDE BAND_A4	A18	B17	SIDE BAND_B4
SIDE BAND_A5	A19	B16	SIDE BAND_B5
SIDE BAND_A6	A20	B15	SIDE BAND_B6
SIDE BAND_A7	A21	B14	SIDE BAND_B7
GND	A22	B22	GND
RXP_4	A23	B23	TXP_4
RXN_4	A24	B24	TXN_4
GND	A25	B25	GND
RXP_5	A26	B26	RXP_5
RXN_5	A27	B27	TXN_5
GND	A28	B28	GND
RXP_6	A29	B29	TXP_6
RXN_6	A30	B30	TXN_6
GND	A31	B31	GND
RXP_7	A32	B32	TXP_7
RXN_7	A33	B33	TXN_7
GND	A34	B34	GND
GND	B1	A1	GND
TXP_0	B2	A2	RXP_0
TXN_0	B3	A3	RXN_0
GND	B4	A4	GND
TXP_1	B5	A5	RXP_1
TXN_1	B6	A6	RXN_1
GND	B7	A7	GND
TXP_2	B8	A8	RXP_2
TXN_2	B9	A9	RXN_2
GND	B10	A10	GND
TXP_3	B11	A11	RXP_3
TXN_3	B12	A12	RXN_3
GND	B13	A13	GND
SIDE BAND_B0	B14	A21	SIDE BAND_A0
SIDE BAND_B1	B15	A20	SIDE BAND_A1
SIDE BAND_B2	B16	A19	SIDE BAND_A2
SIDE BAND_B3	B17	A18	SIDE BAND_A3
SIDE BAND_B4	B18	A17	SIDE BAND_A4
SIDE BAND_B5	B19	A16	SIDE BAND_A5
SIDE BAND_B6	B20	A15	SIDE BAND_A6
SIDE BAND_B7	B21	A14	SIDE BAND_A7
GND	B22	A22	GND
TXP_4	B23	A23	RXP_4
TXN_4	B24	A24	RXN_4
GND	B25	A25	GND
TXP_5	B26	A26	RXP_5
TXN_5	B27	A27	RXN_5
GND	B28	A28	GND
TXP_6	B29	A29	RXP_6
TXN_6	B30	A30	RXN_6
GND	B31	A31	GND
TXP_7	B32	A32	RXP_7
TXN_7	B33	A33	RXN_7
GND	B34	A34	GND

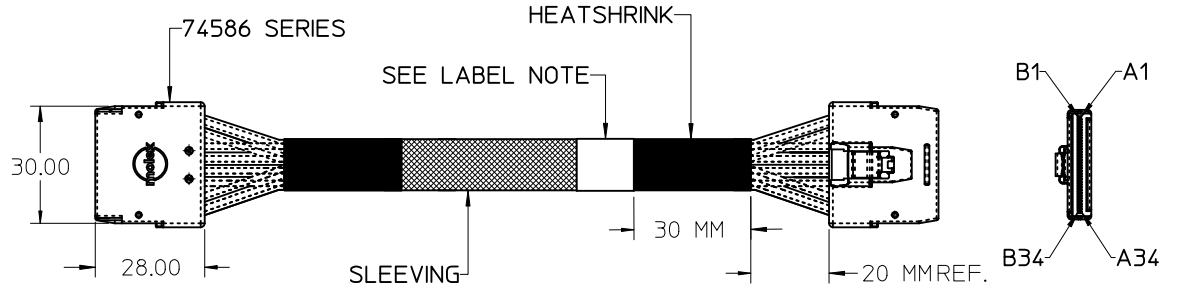
SLEEVING COLUMN EC NO: USY2011-0002 DTN: JERWIN 2007/10/12 CHKD:BSCHOESTER 2006/04/10 APPR:DDOYE 2010/07/07	QUALITY SYMBOLS = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES	± ---	± ---	DRAWN BY JERWIN	DATE 2006/04/10	TITLE IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS	MOLEX INCORPORATED DOCUMENT NO. SD-74586-200 SHEET NO. 3 OF 4			
		3 PLACES	± ---	± ---	CHECKED BY THALL	DATE 2006/04/10					
		2 PLACES	± 0.25	± ---	APPROVED BY DDOYE	DATE 2006/04/10					
		1 PLACE	± ---	± ---	MATERIAL NO.		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		ANGULAR ± 1°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

MOLEX P/N	SIDEBANDS	APPLICATION	SLEEVING	AWG	LENGTH(M)	Tol (+/-)	PINOUT
745862100	YES	CTRL TO BP	YES	30	0.5	0.015 PINOUT	1
745862101	YES	CTRL TO BP	YES	30	0.3	0.015 PINOUT	1
745862102	YES	CTRL TO BP	NO	30	0.152	0.015 PINOUT	1
745862103	YES	CTRL TO BP	YES	28	0.6	0.015 PINOUT	1
745862104	YES	CTRL TO BP	YES	28	1	0.015 PINOUT	1
745862105	YES	CTRL TO BP	YES	30	0.2	0.015 PINOUT	1
745862110	YES	CTRL TO CTRL	NO	30	0.152	0.015 PINOUT	2
745862111	YES	CTRL TO CTRL	YES	30	0.3	0.015 PINOUT	2
745862112	YES	CTRL TO CTRL	YES	30	0.5	0.015 PINOUT	2
745862113	YES	CTRL TO CTRL	YES	28	0.6	0.015 PINOUT	2
745862114	YES	CTRL TO CTRL	YES	28	1	0.015 PINOUT	2
745862120	YES	N/A	NO	30	0.152	0.015 PINOUT	3
745862121	YES	N/A	YES	30	0.5	0.015 PINOUT	3
745862122	YES	N/A	YES	30	0.3	0.015 PINOUT	3
745862123	YES	N/A	YES	28	0.6	0.015 PINOUT	3
745862124	YES	N/A	YES	28	1	0.015 PINOUT	3



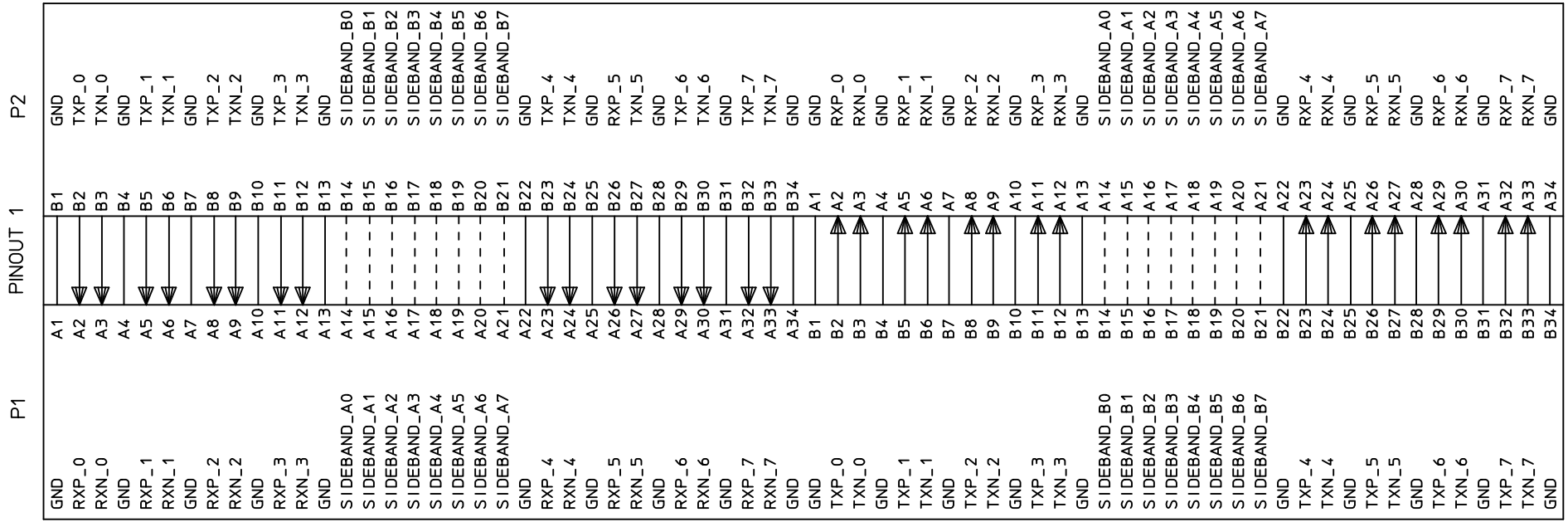
NOTES:

- MATERIAL:
OVER MOLD - POLYBUTYLENE TEREPHTHALATE (PBT), 94-V0,
GLASS FILLED 30%.
LATCH - STAINLESS STEEL ALLOY.
CABLE -
SIGNALS PVC INSULATION
SOLID COPPER SIGNAL AND DRAIN.
INNER DIELECTRIC IS POLYOLEFIN
TWIN-AX SHIELD IS ALUMINIZED POLYESTER FOIL.
JACKET - PVC RED
PCB - FR4
- PRODUCT TO PERFORM PER
PRODUCT SPECIFICATION: PS-79536-001.
- PRODUCT MATES TO 75783 (RIGHT ANGLE) AND
75784 (VERTICAL) SERIES.
- THIS PRODUCT CONFORMS TO THE MECHANICAL
DIMENSIONING AND ELECTRICAL PERFORMANCE
REQUIREMENTS OF SFF-8087.
- MINIMUM RECOMMENDED BEND RADIUS 28 MM.
- THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES
IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE
(2002/95/EC).
- LABEL INFO.
MOLEX
<<PART NUMBER>>
MADE IN CHINA
WW/YY



IPASS™ IS A TRADEMARK OF MOLEX.

SLEEVING COLUMN EC NO: USY2011-0002 IT DRWN: JERWIN 2007/10/12 CHKD: BSCHOESTER 2006/04/10 APPR: DDOYE 2010/07/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---	MM ONLY	1:1	METRIC	TITLE IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS
			DRAWN BY DATE JERWIN 2006/04/10 CHECKED BY DATE THALL 2006/04/10 APPROVED BY DATE DDOYE 2006/04/10	MATERIAL NO. SEE CHART		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



NOTE
1. ALL SIGNAL GROUNDS ARE BUSSED IN PCB.



SLEEVING COLUMN EC NO: USY2011-0002 DRWN: JERWIN 2007/10/12 CHKD: BSCHOESTER 2006/04/10 APPR: DDOYVE 2010/07/07	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1°	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY JERWIN	DATE 2006/04/10	CHECKED BY THALL	DATE 2006/04/10	TITLE IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS		
	APPROVED BY DDOYVE	DATE 2006/04/10	MATERIAL NO. SEE CHART			DOCUMENT NO. SD-74586-200	SHEET NO. 2 OF 4
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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P2
PINOUT 3
P1

GND	RXP_0	RXN_0	GND	RXP_1	RXN_1	GND	RXP_2	RXN_2	GND	RXP_3	RXN_3	GND	SIDE_BAND_A0	SIDE_BAND_A1	SIDE_BAND_A2	SIDE_BAND_A3	SIDE_BAND_A4	SIDE_BAND_A5	SIDE_BAND_A6	SIDE_BAND_A7	GND	RXP_4	RXN_4	GND	RXP_5	RXN_5	GND	RXP_6	RXN_6	GND	RXP_7	RXN_7	GND	SIDE_BAND_B0	SIDE_BAND_B1	SIDE_BAND_B2	SIDE_BAND_B3	SIDE_BAND_B4	SIDE_BAND_B5	SIDE_BAND_B6	SIDE_BAND_B7	GND	RXP_4	RXN_4	GND	RXP_5	RXN_5	GND	RXP_6	RXN_6	GND	RXP_7	RXN_7	GND	SIDE_BAND_A0	SIDE_BAND_A1	SIDE_BAND_A2	SIDE_BAND_A3	SIDE_BAND_A4	SIDE_BAND_A5	SIDE_BAND_A6	SIDE_BAND_A7	GND	RXP_4	RXN_4	GND	RXP_5	RXN_5	GND	RXP_6	RXN_6	GND	RXP_7	RXN_7	GND																		
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	NC	NC	NC	NC	NC	NC	NC	NC	NC	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	NC	NC	NC	NC	NC	NC	NC	NC	NC	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34

<p>SLEEVING COLUMN EC NO: USY2011-0002 DRAWN: JERWIN 2007/10/12 CHKD: BSCHOESTER 2006/04/10 APPR: DDOY 2010/07/07</p>	<p>QUALITY SYMBOLS  = 0  = 0</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		<p>4 PLACES ± --- INCH</p> <p>3 PLACES ± --- INCH</p> <p>2 PLACES ± 0.25 INCH</p> <p>1 PLACE ± --- INCH</p> <p>ANGULAR ± 1°</p>	<p>DRAWN BY JERWIN</p> <p>CHECKED BY THALL</p> <p>APPROVED BY DDOYE</p>	<p>DATE 2006/04/10</p> <p>DATE 2006/04/10</p> <p>DATE 2006/04/10</p>	TITLE IPASS(MINI-SAS) INTERNAL CABLE 68 CKT 8X W/ SIDEBANDS		DOCUMENT NO. SD-74586-200		SHEET NO. 4 OF 4
<p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>				<p>SEE CHART</p>		<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>			