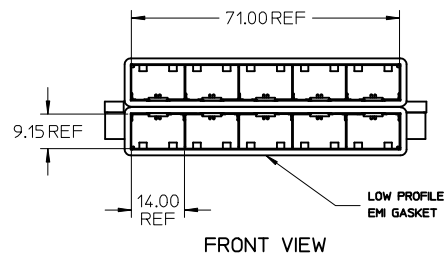
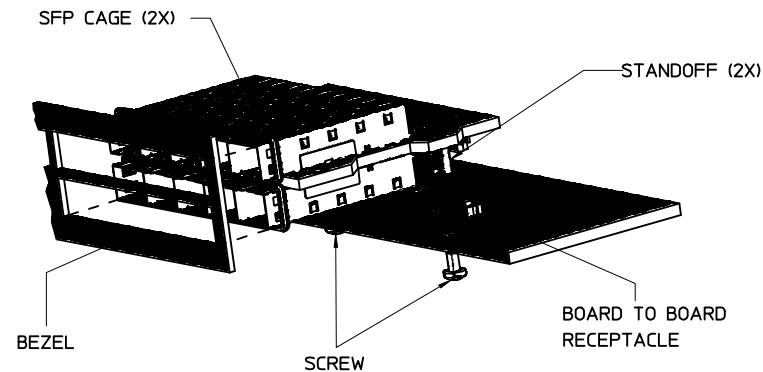


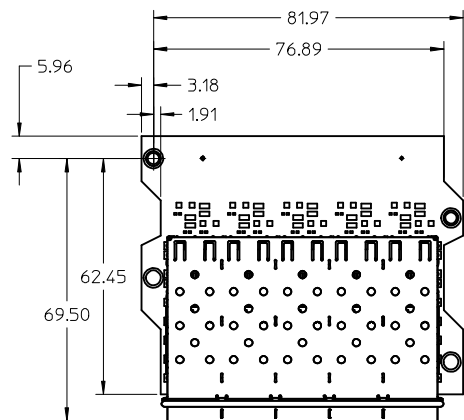
SIDE VIEW



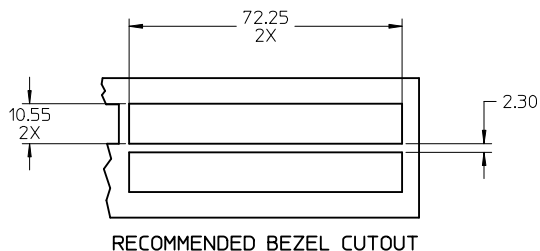
FRONT VIEW



ASSEMBLY PROCESS



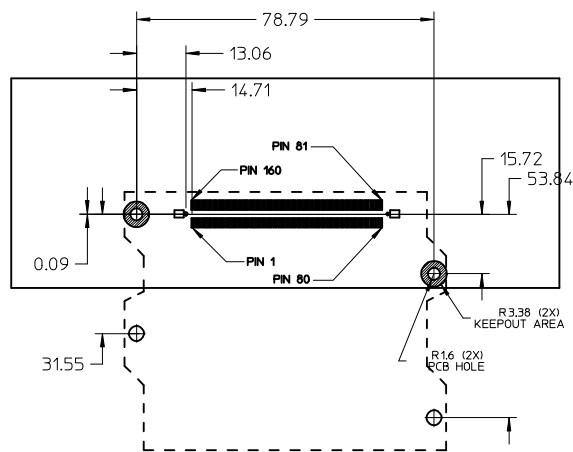
TOP VIEW



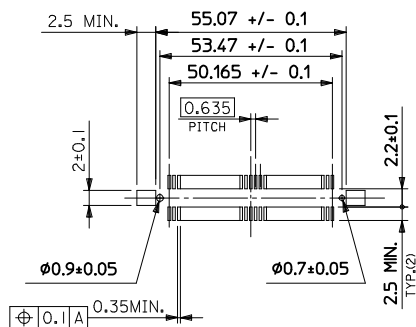
RECOMMENDED BEZEL CUTOUT

NOTES:

- 1.- ASSEMBLY ACCORDING TO IPC-A-610 CLASS 2.
- 2.- ROHS COMPLIANT ASSEMBLY.
- 3.- USE SCREW LENGTH 2-5 mm PLUS MOTHER BOARD THICKNESS.
- 4.- STANDOFF THREAD TO USE M3 SCREW, RECOMMENDED TORQUE 5 LB/IN +/- 0.5 LB/IN.
- 5.- RECOMMENDED CONNECTOR TO USE ON MOTHER BOARD, MOLEX P/N: 528851674.
- 6.- SFP CONNECTOR MOLEX P/N 744410001.
- 7.- FOR RECOMMENDED BEZEL DETAILS SEE CAGE DRAWING MOLEX P/N 747230001.
- 8.- FRONTAL HOLES CAN BE USED TO HOLD THE MODULE TO CHASSIS AND IMPROVE RETENTION WHEN USING A PROPER HEIGHT STANDOFF.



RECOMMENDED HOST BOARD LAYOUT



ENTER DESCRIPTION
EC NO: MEX2010-0012
DRAWN: LRUB10 2009/08/04
CHKD: 2009/08/04
APPR: JSABATH 2009/08/05
REV 6

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	---
2 PLACES ±	0.25	---
1 PLACE ±	0.25	---
ANGULAR ± ---°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
LRUB10	2006/03/09
CHECKED BY	DATE
JSABATH	2006/03/09
APPROVED BY	DATE
ELOPEZ	2006/03/09

MATERIAL NO.
795275006

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	

TITLE
2 X 5 STACKED SFP ASSY.
ATCA CHASSIS

MOLEX INCORPORATED

DOCUMENT NO.
SD-79527-5006

SHEET NO.
1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FEMALE RECEPTACLE BOARD TO BOARD CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-1	80	VCCT-1	81
VEET-1	79	VCCT-1	82
VEET-2	78	VCCT-1	83
VEET-2	77	VCCT-1	84
VEET-2	76	VCCT-1	85
VEET-2	75	VCCT-1	86
VEET-2	74	VCCT-1	87
VEET-2	73	VCCT-1	88
VEET-2	72	VCCT-1	89
VEET-2	71	VCCT-1	90
VEET-2	70	VCCT-1	91
VEET-2	69	VCCT-1	92
VEET-2	68	VCCT-1	93
VEET-2	67	VCCT-1	94
VEET-2	66	VCCT-1	95
VEET-2	65	VCCT-1	96
VEET-2	64	VCCT-1	97
VEET-2	63	VCCT-1	98
VEET-2	62	VCCT-1	99
VEET-2	61	VCCT-1	100
VEET-2	60	VCCT-1	101
VEET-2	59	VCCT-1	102
VEET-2	58	VCCT-1	103
VEET-2	57	VCCT-1	104
VEET-2	56	VCCT-1	105
VEET-2	55	VCCT-1	106
VEET-2	54	VCCT-1	107
VEET-2	53	VCCT-1	108
VEET-2	52	VCCT-1	109
VEET-2	51	VCCT-1	110
VEET-2	50	VCCT-1	111
VEET-2	49	VCCT-1	112
VEET-2	48	VCCT-1	113
VEET-2	47	VCCT-1	114
VEET-2	46	VCCT-1	115
VEET-2	45	VCCT-1	116
VEET-2	44	VCCT-1	117
VEET-2	43	VCCT-1	118
VEET-2	42	VCCT-1	119
VEET-2	41	VCCT-1	120
VEET-2	40	VCCT-1	121
VEET-2	39	VCCT-1	122
VEET-2	38	VCCT-1	123
VEET-2	37	VCCT-1	124
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VEET-2	32	VCCT-1	129
VEET-2	31	VCCT-1	130
VEET-2	30	VCCT-1	131
VEET-2	29	VCCT-1	132
VEET-2	28	VCCT-1	133
VEET-2	27	VCCT-1	134
VEET-2	26	VCCT-1	135
VEET-2	25	VCCT-1	136
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VEET-2	23	VCCT-1	138
VEET-2	22	VCCT-1	139
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VEET-2	20	VCCT-1	141
VEET-2	19	VCCT-1	142
VEET-2	18	VCCT-1	143
VEET-2	17	VCCT-1	144
VEET-2	16	VCCT-1	145
VEET-2	15	VCCT-1	146
VEET-2	14	VCCT-1	147
VEET-2	13	VCCT-1	148
VEET-2	12	VCCT-1	149
VEET-2	11	VCCT-1	150
VEET-2	10	VCCT-1	151
VEET-2	9	VCCT-1	152
VEET-2	8	VCCT-1	153
VEET-2	7	VCCT-1	154
VEET-2	6	VCCT-1	155
VEET-2	5	VCCT-1	156
VEET-2	4	VCCT-1	157
VEET-2	3	VCCT-1	158
VEET-2	2	VCCT-1	159
VEET-2	1	VCCT-1	160

SFP1 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-1	1	VEET-1	11
VEET-1	2	VEET-1	12
VEET-1	3	VEET-1	13
VEET-1	4	VEET-1	14
VEET-1	5	VEET-1	15
VEET-1	6	VEET-1	16
VEET-1	7	VEET-1	17
VEET-1	8	VEET-1	18
VEET-1	9	VEET-1	19
VEET-1	10	VEET-1	20

SFP6 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-6	1	VEET-6	11
VEET-6	2	VEET-6	12
VEET-6	3	VEET-6	13
VEET-6	4	VEET-6	14
VEET-6	5	VEET-6	15
VEET-6	6	VEET-6	16
VEET-6	7	VEET-6	17
VEET-6	8	VEET-6	18
VEET-6	9	VEET-6	19
VEET-6	10	VEET-6	20

SFP2 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-2	1	VEET-2	11
VEET-2	2	VEET-2	12
VEET-2	3	VEET-2	13
VEET-2	4	VEET-2	14
VEET-2	5	VEET-2	15
VEET-2	6	VEET-2	16
VEET-2	7	VEET-2	17
VEET-2	8	VEET-2	18
VEET-2	9	VEET-2	19
VEET-2	10	VEET-2	20

SFP7 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-7	1	VEET-7	11
VEET-7	2	VEET-7	12
VEET-7	3	VEET-7	13
VEET-7	4	VEET-7	14
VEET-7	5	VEET-7	15
VEET-7	6	VEET-7	16
VEET-7	7	VEET-7	17
VEET-7	8	VEET-7	18
VEET-7	9	VEET-7	19
VEET-7	10	VEET-7	20

SFP3 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-3	1	VEET-3	11
VEET-3	2	VEET-3	12
VEET-3	3	VEET-3	13
VEET-3	4	VEET-3	14
VEET-3	5	VEET-3	15
VEET-3	6	VEET-3	16
VEET-3	7	VEET-3	17
VEET-3	8	VEET-3	18
VEET-3	9	VEET-3	19
VEET-3	10	VEET-3	20

SFP8 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-8	1	VEET-8	11
VEET-8	2	VEET-8	12
VEET-8	3	VEET-8	13
VEET-8	4	VEET-8	14
VEET-8	5	VEET-8	15
VEET-8	6	VEET-8	16
VEET-8	7	VEET-8	17
VEET-8	8	VEET-8	18
VEET-8	9	VEET-8	19
VEET-8	10	VEET-8	20

SFP4 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-4	1	VEET-4	11
VEET-4	2	VEET-4	12
VEET-4	3	VEET-4	13
VEET-4	4	VEET-4	14
VEET-4	5	VEET-4	15
VEET-4	6	VEET-4	16
VEET-4	7	VEET-4	17
VEET-4	8	VEET-4	18
VEET-4	9	VEET-4	19
VEET-4	10	VEET-4	20

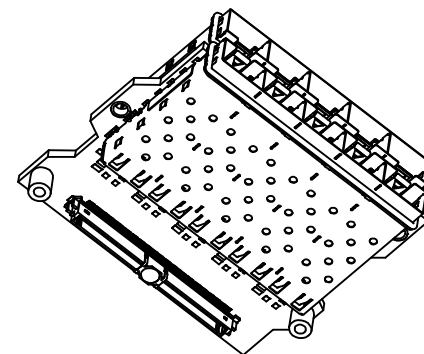
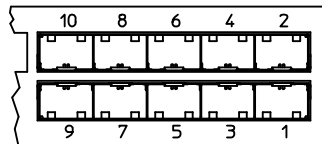
SFP9 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-9	1	VEET-9	11
VEET-9	2	VEET-9	12
VEET-9	3	VEET-9	13
VEET-9	4	VEET-9	14
VEET-9	5	VEET-9	15
VEET-9	6	VEET-9	16
VEET-9	7	VEET-9	17
VEET-9	8	VEET-9	18
VEET-9	9	VEET-9	19
VEET-9	10	VEET-9	20

SFP5 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-5	1	VEET-5	11
VEET-5	2	VEET-5	12
VEET-5	3	VEET-5	13
VEET-5	4	VEET-5	14
VEET-5	5	VEET-5	15
VEET-5	6	VEET-5	16
VEET-5	7	VEET-5	17
VEET-5	8	VEET-5	18
VEET-5	9	VEET-5	19
VEET-5	10	VEET-5	20

SFP10 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-10	1	VEET-10	11
VEET-10	2	VEET-10	12
VEET-10	3	VEET-10	13
VEET-10	4	VEET-10	14
VEET-10	5	VEET-10	15
VEET-10	6	VEET-10	16
VEET-10	7	VEET-10	17
VEET-10	8	VEET-10	18
VEET-10	9	VEET-10	19
VEET-10	10	VEET-10	20

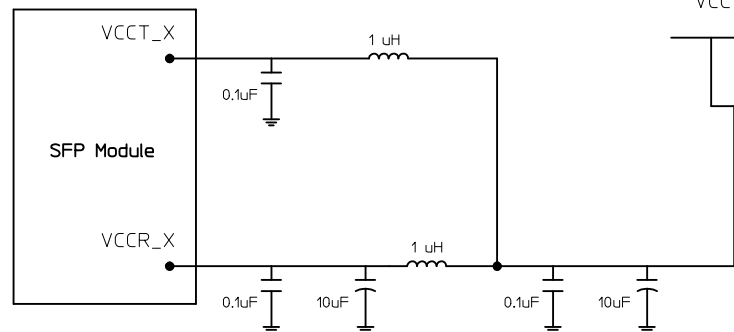
NOTE:

- ALL VEET'S, VEER'S AND NC'S ARE CONNECTED TO GND.
- ALL VCCT'S AND VCCR'S ARE CONNECTED TO POWER FILTERING (SEE SCHEMATIC).
- ALL SFP CONNECTORS HAVE A POWER FILTER.
- SFP CAGES ARE CONNECTED TO CHASSIS GND.



795275006 STACKED SFP
POWER FILTERING SCHEMATIC DIAGRAM

Filter according to SFP MSA.
Inductor minimum current 300mA, maximum DCR 0.55 OHM.



REVISION CONTROL

REV	DATE	DESCRIPTION OF CHANGE
1	2007/09/03	NEW RELEASE
2	2007/05/02	CHANGED PORT NUMBERING
3	2007/07/18	REVISION BLOCK ADDED
		HOST CONNECTOR PIN NUMBERING SEQUENCE ADDED
		RECOMMENDED TORQUE SPECIFIED, TYPO NOTES CORRECTED.
		SFP PORT SIGNALS NAMED UPDATED
4	2008/08/04	STANDOFF CHANGED, SCREWS AND WASHERS FOR STANDOFF ADDED
		RECOMMENDED LAYOUT UPDATED, EMI GASKET REMOVED
5	2009/04/28	STANDOFF CHANGED, SCREWS AND WASHERS FOR STANDOFF REMOVED
		NOTES AND DIMENSIONS UPDATED ACCORDING TO MOLEX STANDARD
6	2009/07/31	POWER FILTER INDUCTOR REQUIREMENTS ADDED

ENTER DESCRIPTION
EC NO: MEX2010-0012
DRAWN: RUBIO
CHKD:
APPR: JSABATH

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	---
2 PLACES ±	0.25	---
1 PLACE ±	0.25	---

ANGULAR ± ---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE
LRUBIO 2006/03/09

CHECKED BY DATE
JSABATH 2006/03/09

APPROVED BY DATE
ELOPEZ 2006/03/09

MATERIAL NO.
795275006

SIZE
C

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

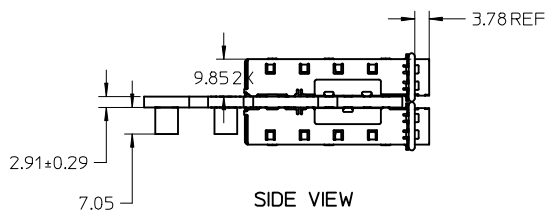
TITLE
2 X 5 STACKED SFP ASSY.
ATCA CHASSIS

MOLEX INCORPORATED

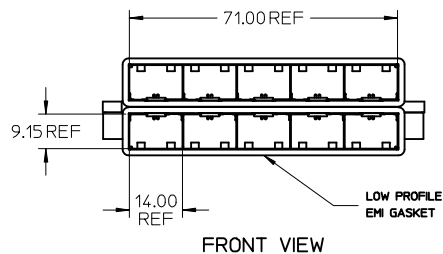
DOCUMENT NO.
SD-79527-5006

SHEET NO.
2 OF 2

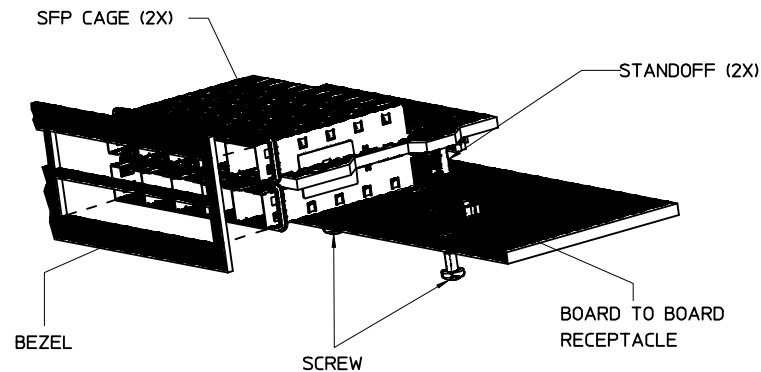
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



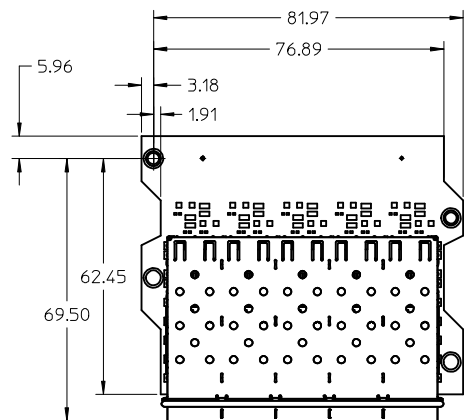
SIDE VIEW



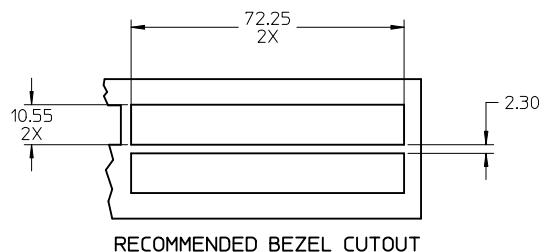
FRONT VIEW



ASSEMBLY PROCESS



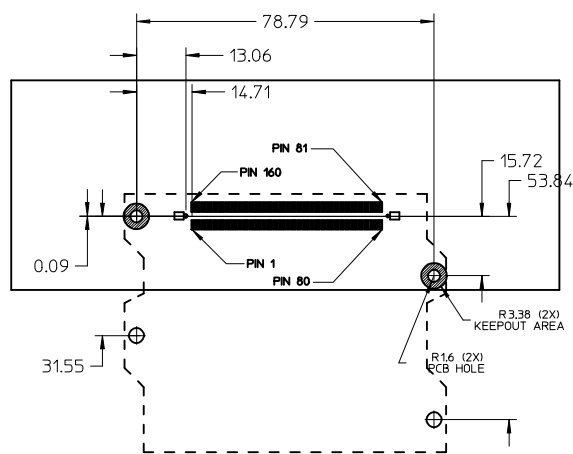
TOP VIEW



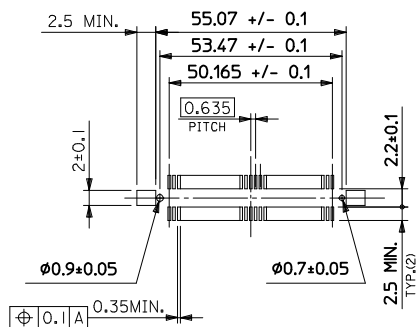
RECOMMENDED BEZEL CUTOUT

NOTES:

- 1.- ASSEMBLY ACCORDING TO IPC-A-610 CLASS 2.
- 2.- ROHS COMPLIANT ASSEMBLY.
- 3.- USE SCREW LENGTH 2-5 mm PLUS MOTHER BOARD THICKNESS.
- 4.- STANDOFF THREAD TO USE M3 SCREW, RECOMMENDED TORQUE 5 LB/IN +/- 0.5 LB/IN.
- 5.- RECOMMENDED CONNECTOR TO USE ON MOTHER BOARD, MOLEX P/N: 528851674.
- 6.- SFP CONNECTOR MOLEX P/N 744410001.
- 7.- FOR RECOMMENDED BEZEL DETAILS SEE CAGE DRAWING MOLEX P/N 747230001.
- 8.- FRONTAL HOLES CAN BE USED TO HOLD THE MODULE TO CHASSIS AND IMPROVE RETENTION WHEN USING A PROPER HEIGHT STANDOFF.



RECOMMENDED HOST BOARD LAYOUT



ENTER DESCRIPTION
EC NO: MEX2010-0012
DRAWN: LRUB10 2009/08/04
CHKD: 2009/08/04
APPR: JSABATH 2009/08/05
REV 6

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	---
2 PLACES ±	0.25	---
1 PLACE ±	0.25	---
ANGULAR ± ---°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
LRUB10	2006/03/09
CHECKED BY	DATE
JSABATH	2006/03/09
APPROVED BY	DATE
ELOPEZ	2006/03/09

MATERIAL NO.
795275006

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	

TITLE
2 X 5 STACKED SFP ASSY.
ATCA CHASSIS

MOLEX INCORPORATED

DOCUMENT NO.
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SHEET NO.
1 OF 2

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VEET-2	73	VCCT-1	88
VEET-2	72	VCCT-1	89
VEET-2	71	VCCT-2	90
VEET-2	70	VCCT-2	91
VEET-2	69	VCCT-2	92
VEET-2	68	VCCT-2	93
VEET-2	67	VCCT-2	94
VEET-2	66	VCCT-2	95
VEET-2	65	VCCT-2	96
VEET-2	64	VCCT-2	97
VEET-2	63	VCCT-2	98
VEET-2	62	VCCT-2	99
VEET-2	61	VCCT-2	100
VEET-2	60	VCCT-2	101
VEET-2	59	VCCT-2	102
VEET-2	58	VCCT-2	103
VEET-2	57	VCCT-2	104
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VEET-2	45	VCCT-2	116
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VEET-2	43	VCCT-2	118
VEET-2	42	VCCT-2	119
VEET-2	41	VCCT-2	120
VEET-2	40	VCCT-2	121
VEET-2	39	VCCT-2	122
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VEET-2	21	VCCT-2	140
VEET-2	20	VCCT-2	141
VEET-2	19	VCCT-2	142
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VEET-2	8	VCCT-2	153
VEET-2	7	VCCT-2	154
VEET-2	6	VCCT-2	155
VEET-2	5	VCCT-2	156
VEET-2	4	VCCT-2	157
VEET-2	3	VCCT-2	158
VEET-2	2	VCCT-2	159
VEET-2	1	VCCT-2	160

SFP1 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-1	1	VEET-1	11
VEET-1	2	VEET-1	12
VEET-1	3	VEET-1	13
VEET-1	4	VEET-1	14
VEET-1	5	VEET-1	15
VEET-1	6	VEET-1	16
VEET-1	7	VEET-1	17
VEET-1	8	VEET-1	18
VEET-1	9	VEET-1	19
VEET-1	10	VEET-1	20

SFP6 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-6	1	VEET-6	11
VEET-6	2	VEET-6	12
VEET-6	3	VEET-6	13
VEET-6	4	VEET-6	14
VEET-6	5	VEET-6	15
VEET-6	6	VEET-6	16
VEET-6	7	VEET-6	17
VEET-6	8	VEET-6	18
VEET-6	9	VEET-6	19
VEET-6	10	VEET-6	20

SFP2 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-2	1	VEET-2	11
VEET-2	2	VEET-2	12
VEET-2	3	VEET-2	13
VEET-2	4	VEET-2	14
VEET-2	5	VEET-2	15
VEET-2	6	VEET-2	16
VEET-2	7	VEET-2	17
VEET-2	8	VEET-2	18
VEET-2	9	VEET-2	19
VEET-2	10	VEET-2	20

SFP7 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-7	1	VEET-7	11
VEET-7	2	VEET-7	12
VEET-7	3	VEET-7	13
VEET-7	4	VEET-7	14
VEET-7	5	VEET-7	15
VEET-7	6	VEET-7	16
VEET-7	7	VEET-7	17
VEET-7	8	VEET-7	18
VEET-7	9	VEET-7	19
VEET-7	10	VEET-7	20

SFP3 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-3	1	VEET-3	11
VEET-3	2	VEET-3	12
VEET-3	3	VEET-3	13
VEET-3	4	VEET-3	14
VEET-3	5	VEET-3	15
VEET-3	6	VEET-3	16
VEET-3	7	VEET-3	17
VEET-3	8	VEET-3	18
VEET-3	9	VEET-3	19
VEET-3	10	VEET-3	20

SFP8 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-8	1	VEET-8	11
VEET-8	2	VEET-8	12
VEET-8	3	VEET-8	13
VEET-8	4	VEET-8	14
VEET-8	5	VEET-8	15
VEET-8	6	VEET-8	16
VEET-8	7	VEET-8	17
VEET-8	8	VEET-8	18
VEET-8	9	VEET-8	19
VEET-8	10	VEET-8	20

SFP4 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-4	1	VEET-4	11
VEET-4	2	VEET-4	12
VEET-4	3	VEET-4	13
VEET-4	4	VEET-4	14
VEET-4	5	VEET-4	15
VEET-4	6	VEET-4	16
VEET-4	7	VEET-4	17
VEET-4	8	VEET-4	18
VEET-4	9	VEET-4	19
VEET-4	10	VEET-4	20

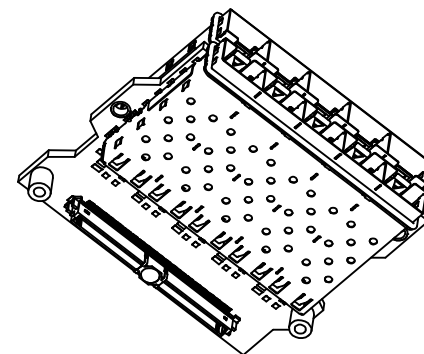
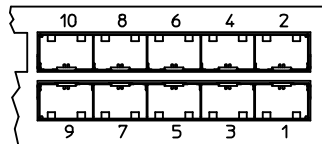
SFP9 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-9	1	VEET-9	11
VEET-9	2	VEET-9	12
VEET-9	3	VEET-9	13
VEET-9	4	VEET-9	14
VEET-9	5	VEET-9	15
VEET-9	6	VEET-9	16
VEET-9	7	VEET-9	17
VEET-9	8	VEET-9	18
VEET-9	9	VEET-9	19
VEET-9	10	VEET-9	20

SFP5 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-5	1	VEET-5	11
VEET-5	2	VEET-5	12
VEET-5	3	VEET-5	13
VEET-5	4	VEET-5	14
VEET-5	5	VEET-5	15
VEET-5	6	VEET-5	16
VEET-5	7	VEET-5	17
VEET-5	8	VEET-5	18
VEET-5	9	VEET-5	19
VEET-5	10	VEET-5	20

SFP10 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-10	1	VEET-10	11
VEET-10	2	VEET-10	12
VEET-10	3	VEET-10	13
VEET-10	4	VEET-10	14
VEET-10	5	VEET-10	15
VEET-10	6	VEET-10	16
VEET-10	7	VEET-10	17
VEET-10	8	VEET-10	18
VEET-10	9	VEET-10	19
VEET-10	10	VEET-10	20

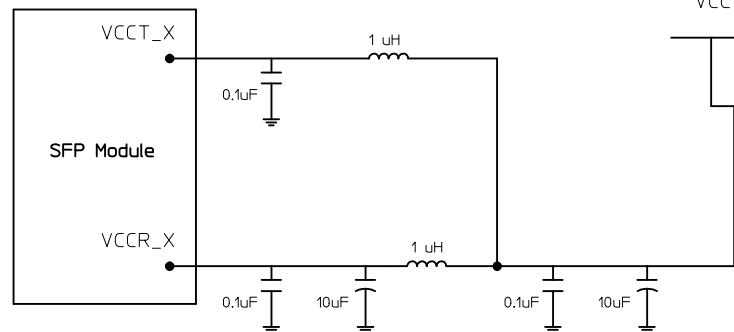
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- ALL VCCT'S AND VCCR'S ARE CONNECTED TO POWER FILTERING (SEE SCHEMATIC).
- ALL SFP CONNECTORS HAVE A POWER FILTER.
- SFP CAGES ARE CONNECTED TO CHASSIS GND.



795275006 STACKED SFP
POWER FILTERING SCHEMATIC DIAGRAM

Filter according to SFP MSA.
Inductor minimum current 300mA, maximum DCR 0.55 OHM.



REVISION CONTROL

REV	DATE	DESCRIPTION OF CHANGE
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2	2007/05/02	CHANGED PORT NUMBERING
3	2007/07/18	REVISION BLOCK ADDED
		HOST CONNECTOR PIN NUMBERING SEQUENCE ADDED
		RECOMMENDED TORQUE SPECIFIED, TYPO NOTES CORRECTED.
		SFP PORT SIGNALS NAMED UPDATED
4	2008/08/04	STANDOFF CHANGED, SCREWS AND WASHERS FOR STANDOFF ADDED
		RECOMMENDED LAYOUT UPDATED, EMI GASKET REMOVED
5	2009/04/28	STANDOFF CHANGED, SCREWS AND WASHERS FOR STANDOFF REMOVED
		NOTES AND DIMENSIONS UPDATED ACCORDING TO MOLEX STANDARD
6	2009/07/31	POWER FILTER INDUCTOR REQUIREMENTS ADDED

ENTER DESCRIPTION
EC NO: MEX2010-0012
DRAWN: RUBIO
CHKD:
APPR: JSABATH

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.25	± 0.010
3 PLACES	± 0.25	± 0.010
2 PLACES	± 0.25	± 0.010
1 PLACE	± 0.25	± 0.010

ANGULAR ± 0.5°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE
LRUBIO 2006/03/09

CHECKED BY DATE
JSABATH 2006/03/09

APPROVED BY DATE
ELOPEZ 2006/03/09

MATERIAL NO.
795275006

SIZE
C

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

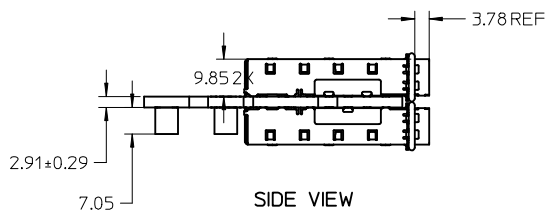
TITLE
2 X 5 STACKED SFP ASSY.
ATCA CHASSIS

MOLEX INCORPORATED

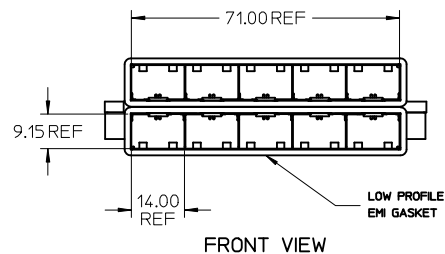
DOCUMENT NO.
SD-79527-5006

SHEET NO.
2 OF 2

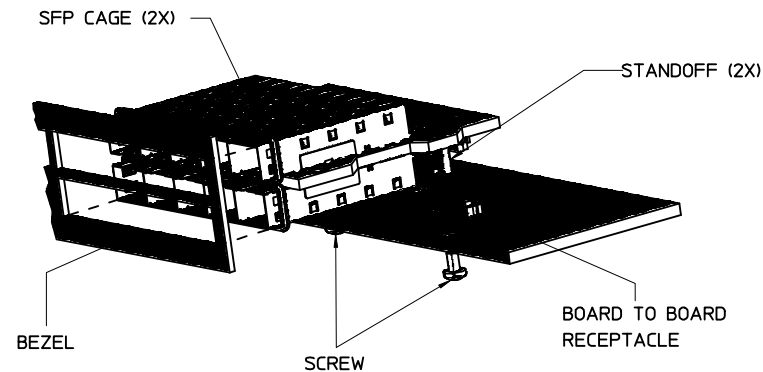
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



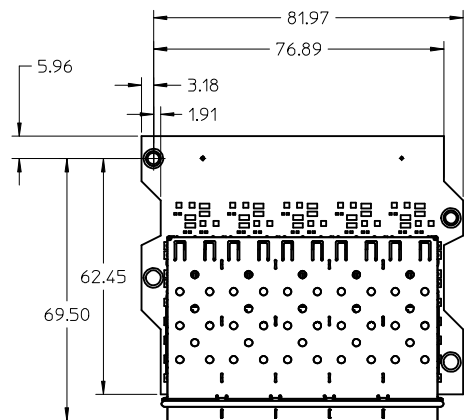
SIDE VIEW



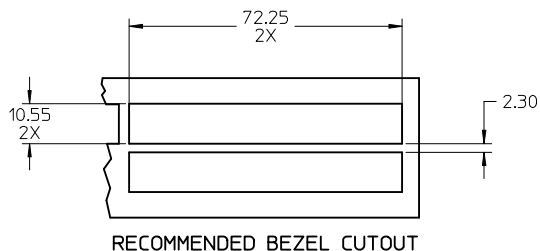
FRONT VIEW



ASSEMBLY PROCESS



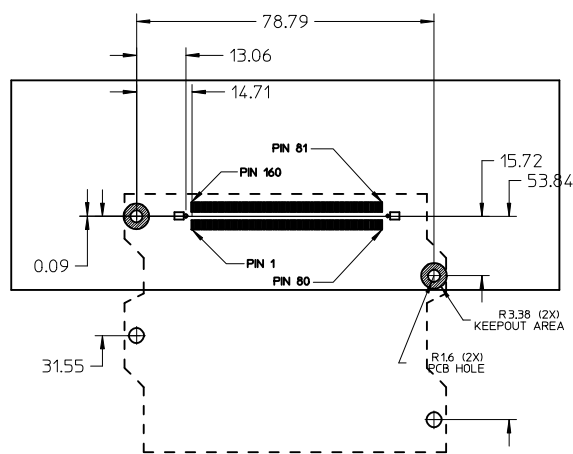
TOP VIEW



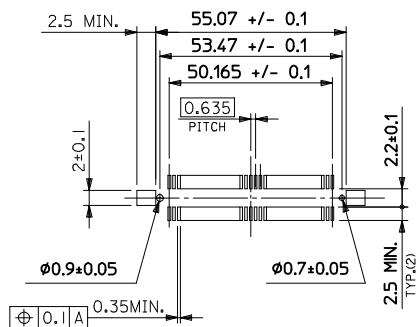
RECOMMENDED BEZEL CUTOUT

NOTES:

- 1.- ASSEMBLY ACCORDING TO IPC-A-610 CLASS 2.
- 2.- ROHS COMPLIANT ASSEMBLY.
- 3.- USE SCREW LENGTH 2-5 mm PLUS MOTHER BOARD THICKNESS.
- 4.- STANDOFF THREAD TO USE M3 SCREW, RECOMMENDED TORQUE 5 LB/IN +/- 0.5 LB/IN.
- 5.- RECOMMENDED CONNECTOR TO USE ON MOTHER BOARD, MOLEX P/N: 528851674.
- 6.- SFP CONNECTOR MOLEX P/N 744410001.
- 7.- FOR RECOMMENDED BEZEL DETAILS SEE CAGE DRAWING MOLEX P/N 747230001.
- 8.- FRONTAL HOLES CAN BE USED TO HOLD THE MODULE TO CHASSIS AND IMPROVE RETENTION WHEN USING A PROPER HEIGHT STANDOFF.



RECOMMENDED HOST BOARD LAYOUT



ENTER DESCRIPTION
EC NO: MEX2010-0012
DRAWN: LRUB10
CHKD: 2009/08/04
APPR: JSABATH
REV 6

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	---
2 PLACES ±	0.25	---
1 PLACE ±	0.25	---
ANGULAR ± ---°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
LRUB10	2006/03/09
CHECKED BY	DATE
JSABATH	2006/03/09
APPROVED BY	DATE
ELOPEZ	2006/03/09

MATERIAL NO.
795275006

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	

TITLE
2 X 5 STACKED SFP ASSY.
ATCA CHASSIS

MOLEX INCORPORATED

DOCUMENT NO.
SD-79527-5006

SHEET NO.
1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FEMALE RECEPTACLE BOARD TO BOARD CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-1	80	VCCT-1	81
VEET-1	79	VCCT-1	82
VEET-2	78	VCCT-1	83
VEET-2	77	VCCT-1	84
VEET-2	76	VCCT-1	85
VEET-2	75	VCCT-1	86
VEET-2	74	VCCT-1	87
VEET-2	73	VCCT-1	88
VEET-2	72	VCCT-1	89
VEET-2	71	VCCT-2	90
VEET-2	70	VCCT-2	91
VEET-2	69	VCCT-2	92
VEET-2	68	VCCT-2	93
VEET-2	67	VCCT-2	94
VEET-2	66	VCCT-2	95
VEET-2	65	VCCT-2	96
VEET-2	64	VCCT-2	97
VEET-2	63	VCCT-2	98
VEET-2	62	VCCT-2	99
VEET-2	61	VCCT-2	100
VEET-2	60	VCCT-2	101
VEET-2	59	VCCT-2	102
VEET-2	58	VCCT-2	103
VEET-2	57	VCCT-2	104
VEET-2	56	VCCT-2	105
VEET-2	55	VCCT-2	106
VEET-2	54	VCCT-2	107
VEET-2	53	VCCT-2	108
VEET-2	52	VCCT-2	109
VEET-2	51	VCCT-2	110
VEET-2	50	VCCT-2	111
VEET-2	49	VCCT-2	112
VEET-2	48	VCCT-2	113
VEET-2	47	VCCT-2	114
VEET-2	46	VCCT-2	115
VEET-2	45	VCCT-2	116
VEET-2	44	VCCT-2	117
VEET-2	43	VCCT-2	118
VEET-2	42	VCCT-2	119
VEET-2	41	VCCT-2	120
VEET-2	40	VCCT-2	121
VEET-2	39	VCCT-2	122
VEET-2	38	VCCT-2	123
VEET-2	37	VCCT-2	124
VEET-2	36	VCCT-2	125
VEET-2	35	VCCT-2	126
VEET-2	34	VCCT-2	127
VEET-2	33	VCCT-2	128
VEET-2	32	VCCT-2	129
VEET-2	31	VCCT-2	130
VEET-2	30	VCCT-2	131
VEET-2	29	VCCT-2	132
VEET-2	28	VCCT-2	133
VEET-2	27	VCCT-2	134
VEET-2	26	VCCT-2	135
VEET-2	25	VCCT-2	136
VEET-2	24	VCCT-2	137
VEET-2	23	VCCT-2	138
VEET-2	22	VCCT-2	139
VEET-2	21	VCCT-2	140
VEET-2	20	VCCT-2	141
VEET-2	19	VCCT-2	142
VEET-2	18	VCCT-2	143
VEET-2	17	VCCT-2	144
VEET-2	16	VCCT-2	145
VEET-2	15	VCCT-2	146
VEET-2	14	VCCT-2	147
VEET-2	13	VCCT-2	148
VEET-2	12	VCCT-2	149
VEET-2	11	VCCT-2	150
VEET-2	10	VCCT-2	151
VEET-2	9	VCCT-2	152
VEET-2	8	VCCT-2	153
VEET-2	7	VCCT-2	154
VEET-2	6	VCCT-2	155
VEET-2	5	VCCT-2	156
VEET-2	4	VCCT-2	157
VEET-2	3	VCCT-2	158
VEET-2	2	VCCT-2	159
VEET-2	1	VCCT-2	160

SFP1 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-1	1	VEET-1	11
VEET-1	2	VEET-1	12
VEET-1	3	VEET-1	13
VEET-1	4	VEET-1	14
VEET-1	5	VEET-1	15
VEET-1	6	VEET-1	16
VEET-1	7	VEET-1	17
VEET-1	8	VEET-1	18
VEET-1	9	VEET-1	19
VEET-1	10	VEET-1	20

SFP2 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-2	1	VEET-2	11
VEET-2	2	VEET-2	12
VEET-2	3	VEET-2	13
VEET-2	4	VEET-2	14
VEET-2	5	VEET-2	15
VEET-2	6	VEET-2	16
VEET-2	7	VEET-2	17
VEET-2	8	VEET-2	18
VEET-2	9	VEET-2	19
VEET-2	10	VEET-2	20

SFP3 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-3	1	VEET-3	11
VEET-3	2	VEET-3	12
VEET-3	3	VEET-3	13
VEET-3	4	VEET-3	14
VEET-3	5	VEET-3	15
VEET-3	6	VEET-3	16
VEET-3	7	VEET-3	17
VEET-3	8	VEET-3	18
VEET-3	9	VEET-3	19
VEET-3	10	VEET-3	20

SFP4 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-4	1	VEET-4	11
VEET-4	2	VEET-4	12
VEET-4	3	VEET-4	13
VEET-4	4	VEET-4	14
VEET-4	5	VEET-4	15
VEET-4	6	VEET-4	16
VEET-4	7	VEET-4	17
VEET-4	8	VEET-4	18
VEET-4	9	VEET-4	19
VEET-4	10	VEET-4	20

SFP5 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-5	1	VEET-5	11
VEET-5	2	VEET-5	12
VEET-5	3	VEET-5	13
VEET-5	4	VEET-5	14
VEET-5	5	VEET-5	15
VEET-5	6	VEET-5	16
VEET-5	7	VEET-5	17
VEET-5	8	VEET-5	18
VEET-5	9	VEET-5	19
VEET-5	10	VEET-5	20

SFP6 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-6	1	VEET-6	11
VEET-6	2	VEET-6	12
VEET-6	3	VEET-6	13
VEET-6	4	VEET-6	14
VEET-6	5	VEET-6	15
VEET-6	6	VEET-6	16
VEET-6	7	VEET-6	17
VEET-6	8	VEET-6	18
VEET-6	9	VEET-6	19
VEET-6	10	VEET-6	20

SFP7 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-7	1	VEET-7	11
VEET-7	2	VEET-7	12
VEET-7	3	VEET-7	13
VEET-7	4	VEET-7	14
VEET-7	5	VEET-7	15
VEET-7	6	VEET-7	16
VEET-7	7	VEET-7	17
VEET-7	8	VEET-7	18
VEET-7	9	VEET-7	19
VEET-7	10	VEET-7	20

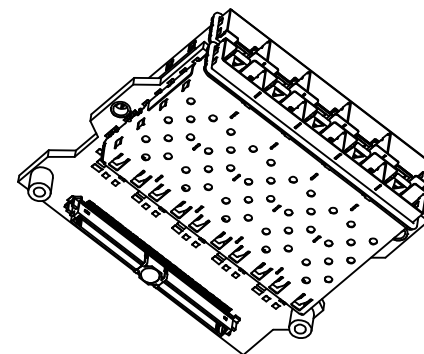
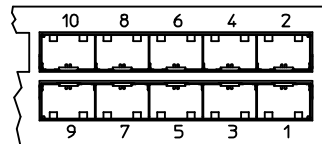
SFP8 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-8	1	VEET-8	11
VEET-8	2	VEET-8	12
VEET-8	3	VEET-8	13
VEET-8	4	VEET-8	14
VEET-8	5	VEET-8	15
VEET-8	6	VEET-8	16
VEET-8	7	VEET-8	17
VEET-8	8	VEET-8	18
VEET-8	9	VEET-8	19
VEET-8	10	VEET-8	20

SFP9 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-9	1	VEET-9	11
VEET-9	2	VEET-9	12
VEET-9	3	VEET-9	13
VEET-9	4	VEET-9	14
VEET-9	5	VEET-9	15
VEET-9	6	VEET-9	16
VEET-9	7	VEET-9	17
VEET-9	8	VEET-9	18
VEET-9	9	VEET-9	19
VEET-9	10	VEET-9	20

SFP10 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET-10	1	VEET-10	11
VEET-10	2	VEET-10	12
VEET-10	3	VEET-10	13
VEET-10	4	VEET-10	14
VEET-10	5	VEET-10	15
VEET-10	6	VEET-10	16
VEET-10	7	VEET-10	17
VEET-10	8	VEET-10	18
VEET-10	9	VEET-10	19
VEET-10	10	VEET-10	20

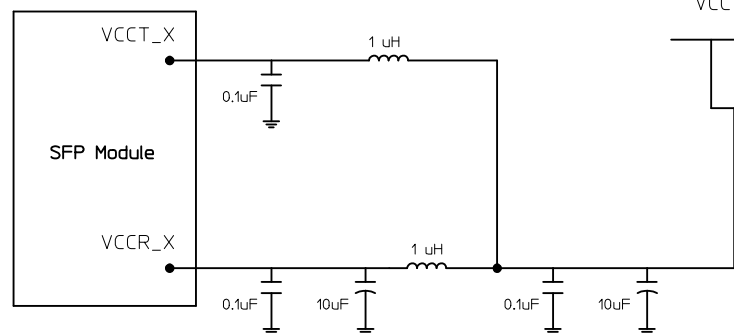
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DRAWN BY DATE
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CHECKED BY DATE
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APPROVED BY DATE
ELOPEZ 2006/03/09

MATERIAL NO.
795275006

SIZE
C

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
2 X 5 STACKED SFP ASSY.
ATCA CHASSIS

MOLEX INCORPORATED

DOCUMENT NO.
SD-79527-5006

SHEET NO.
2 OF 2

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