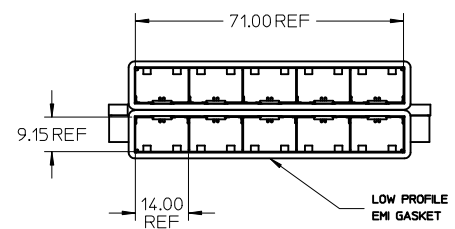
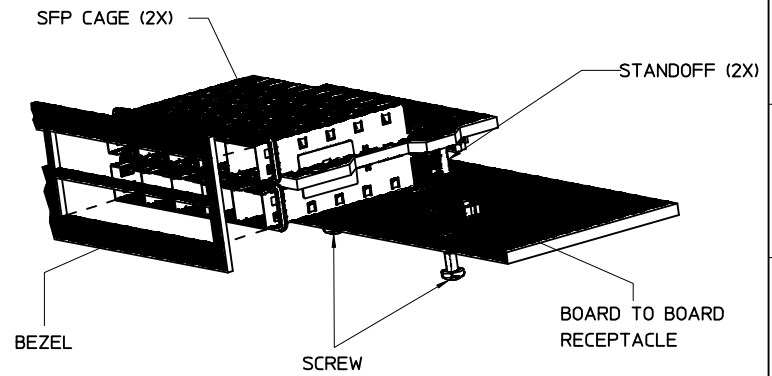


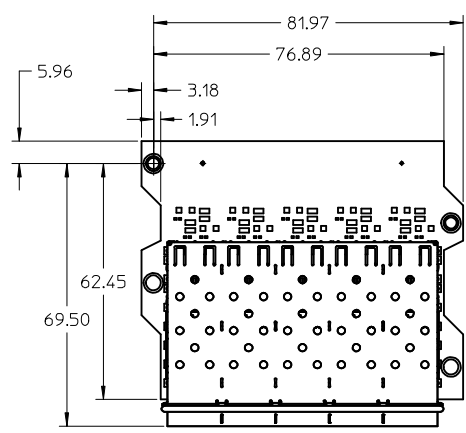
SIDE VIEW



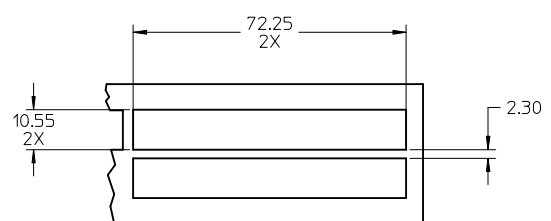
FRONT VIEW



ASSEMBLY PROCESS



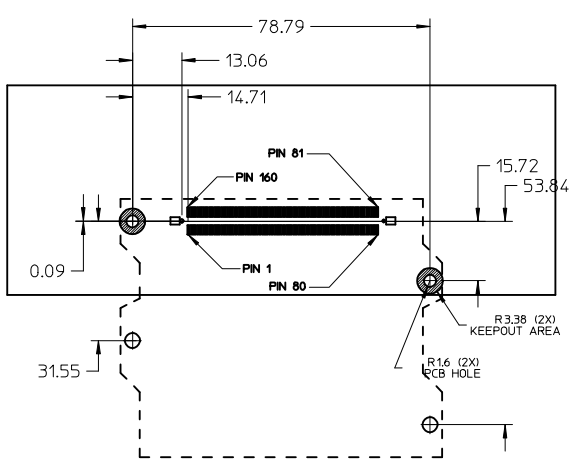
TOP VIEW



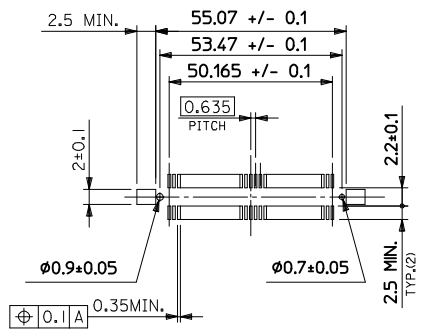
RECOMMENDED BEZEL CUTOUT

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	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± ---	mm INCH ± --- ± --- ± 0.25 ± --- ± 0.25 ± ---	DRAWN BY DATE LRUB10 2006/03/09	CHECKED BY DATE JSABATH 2006/03/09	TITLE 2 X 5 STACKED SFP ASSY. ATCA CHASSIS	
6	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE ELOPEZ 2006/03/09	MATERIAL NO. 795275006	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	VEET 1	81
ID 1	78	VEET 1	82
VEER 2	76	VEET 1	83
RC 4	74	VEET 1	84
NR 4	72	VEET 1	85
NR 4	70	VEET 1	86
NR 4	68	VEET 1	87
NR 4	66	VEET 1	88
NR 4	64	VEET 1	89
NR 4	62	VEET 1	90
NR 4	60	VEET 1	91
NR 4	58	VEET 1	92
NR 4	56	VEET 1	93
NR 4	54	VEET 1	94
NR 4	52	VEET 1	95
NR 4	50	VEET 1	96
NR 4	48	VEET 1	97
NR 4	46	VEET 1	98
NR 4	44	VEET 1	99
NR 4	42	VEET 1	100
NR 4	40	VEET 1	101
NR 4	38	VEET 1	102
NR 4	36	VEET 1	103
NR 4	34	VEET 1	104
NR 4	32	VEET 1	105
NR 4	30	VEET 1	106
NR 4	28	VEET 1	107
NR 4	26	VEET 1	108
NR 4	24	VEET 1	109
NR 4	22	VEET 1	110
NR 4	20	VEET 1	111
NR 4	18	VEET 1	112
NR 4	16	VEET 1	113
NR 4	14	VEET 1	114
NR 4	12	VEET 1	115
NR 4	10	VEET 1	116
NR 4	8	VEET 1	117
NR 4	6	VEET 1	118
NR 4	4	VEET 1	119
NR 4	2	VEET 1	120
NR 4	1	VEET 1	121
NR 4	1	VEET 1	122
NR 4	1	VEET 1	123
NR 4	1	VEET 1	124
NR 4	1	VEET 1	125
NR 4	1	VEET 1	126
NR 4	1	VEET 1	127
NR 4	1	VEET 1	128
NR 4	1	VEET 1	129
NR 4	1	VEET 1	130
NR 4	1	VEET 1	131
NR 4	1	VEET 1	132
NR 4	1	VEET 1	133
NR 4	1	VEET 1	134
NR 4	1	VEET 1	135
NR 4	1	VEET 1	136
NR 4	1	VEET 1	137
NR 4	1	VEET 1	138
NR 4	1	VEET 1	139
NR 4	1	VEET 1	140
NR 4	1	VEET 1	141
NR 4	1	VEET 1	142
NR 4	1	VEET 1	143
NR 4	1	VEET 1	144
NR 4	1	VEET 1	145
NR 4	1	VEET 1	146
NR 4	1	VEET 1	147
NR 4	1	VEET 1	148
NR 4	1	VEET 1	149
NR 4	1	VEET 1	150
NR 4	1	VEET 1	151
NR 4	1	VEET 1	152
NR 4	1	VEET 1	153
NR 4	1	VEET 1	154
NR 4	1	VEET 1	155
NR 4	1	VEET 1	156
NR 4	1	VEET 1	157
NR 4	1	VEET 1	158
NR 4	1	VEET 1	159
NR 4	1	VEET 1	160

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

SFP2 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 2	1	VEER 2	11
XELT 2	2	RD 2	12
XKIS 2	3	RD 2	13
NR 2	4	VEET 2	14
NR 2	5	VEET 2	15
NR 2	6	VEET 2	16
NR 2	7	VEET 2	17
NR 2	8	ID 2	18
NR 2	9	ID 2	19
NR 2	10	VEET 2	20

SFP3 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 3	1	VEER 3	11
XELT 3	2	RD 3	12
XKIS 3	3	RD 3	13
NR 3	4	VEET 3	14
NR 3	5	VEET 3	15
NR 3	6	VEET 3	16
NR 3	7	VEET 3	17
NR 3	8	ID 3	18
NR 3	9	ID 3	19
NR 3	10	VEET 3	20

SFP4 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 4	1	VEER 4	11
XELT 4	2	RD 4	12
XKIS 4	3	RD 4	13
NR 4	4	VEET 4	14
NR 4	5	VEET 4	15
NR 4	6	VEET 4	16
NR 4	7	VEET 4	17
NR 4	8	ID 4	18
NR 4	9	ID 4	19
NR 4	10	VEET 4	20

SFP5 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 5	1	VEER 5	11
XELT 5	2	RD 5	12
XKIS 5	3	RD 5	13
NR 5	4	VEET 5	14
NR 5	5	VEET 5	15
NR 5	6	VEET 5	16
NR 5	7	VEET 5	17
NR 5	8	ID 5	18
NR 5	9	ID 5	19
NR 5	10	VEET 5	20

SFP6 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 6	1	VEER 6	11
XELT 6	2	RD 6	12
XKIS 6	3	RD 6	13
NR 6	4	VEET 6	14
NR 6	5	VEET 6	15
NR 6	6	VEET 6	16
NR 6	7	VEET 6	17
NR 6	8	ID 6	18
NR 6	9	ID 6	19
NR 6	10	VEET 6	20

SFP7 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 7	1	VEER 7	11
XELT 7	2	RD 7	12
XKIS 7	3	RD 7	13
NR 7	4	VEET 7	14
NR 7	5	VEET 7	15
NR 7	6	VEET 7	16
NR 7	7	VEET 7	17
NR 7	8	ID 7	18
NR 7	9	ID 7	19
NR 7	10	VEET 7	20

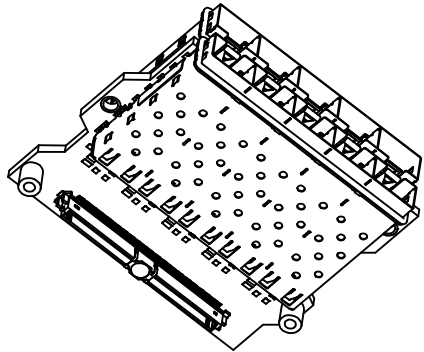
SFP8 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 8	1	VEER 8	11
XELT 8	2	RD 8	12
XKIS 8	3	RD 8	13
NR 8	4	VEET 8	14
NR 8	5	VEET 8	15
NR 8	6	VEET 8	16
NR 8	7	VEET 8	17
NR 8	8	ID 8	18
NR 8	9	ID 8	19
NR 8	10	VEET 8	20

SFP9 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 9	1	VEER 9	11
XELT 9	2	RD 9	12
XKIS 9	3	RD 9	13
NR 9	4	VEET 9	14
NR 9	5	VEET 9	15
NR 9	6	VEET 9	16
NR 9	7	VEET 9	17
NR 9	8	ID 9	18
NR 9	9	ID 9	19
NR 9	10	VEET 9	20

SFP10 CONNECTOR			
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 10	1	VEER 10	11
XELT 10	2	RD 10	12
XKIS 10	3	RD 10	13
NR 10	4	VEET 10	14
NR 10	5	VEET 10	15
NR 10	6	VEET 10	16
NR 10	7	VEET 10	17
NR 10	8	ID 10	18
NR 10	9	ID 10	19
NR 10	10	VEET 10	20

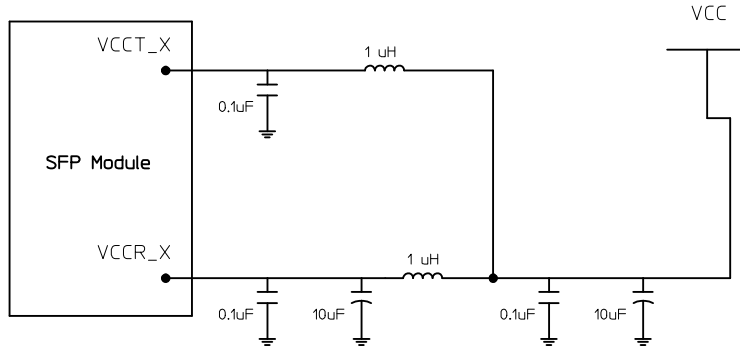
NOTE:

- 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
		HOT 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: JSABATH
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

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
2 X 5 STACKED SFP ASSY. ATCA CHASSIS

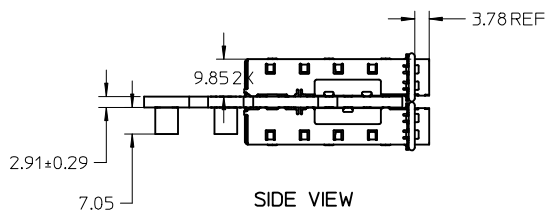
MATERIAL NO.
795275006

DOCUMENT NO.
SD-79527-5006

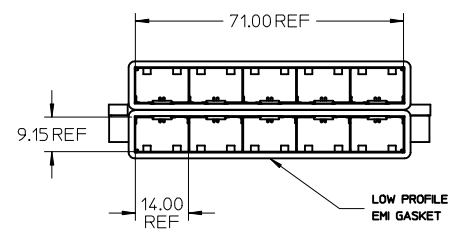
SHEET NO.
2 OF 2

MOLEX INCORPORATED

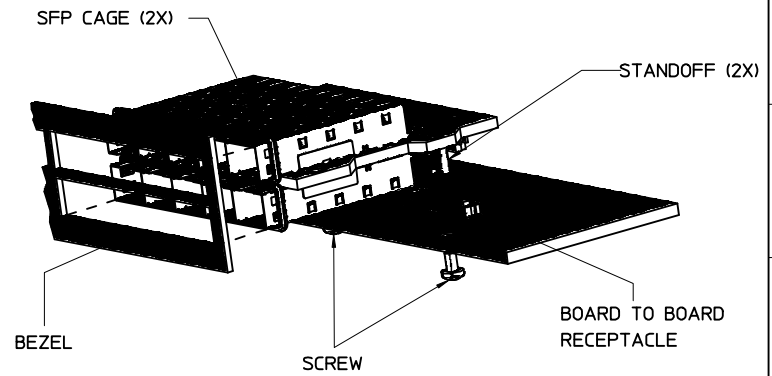
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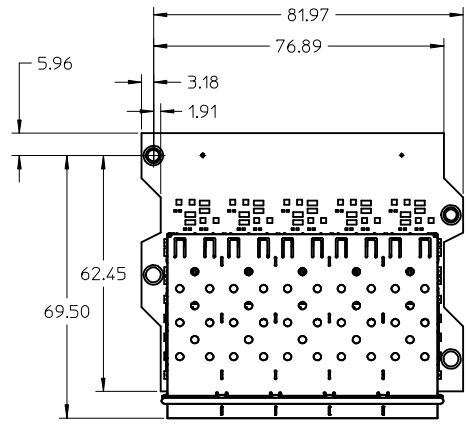
SIDE VIEW



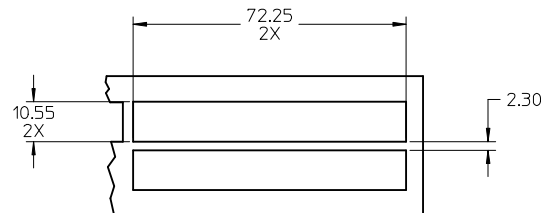
FRONT VIEW



ASSEMBLY PROCESS



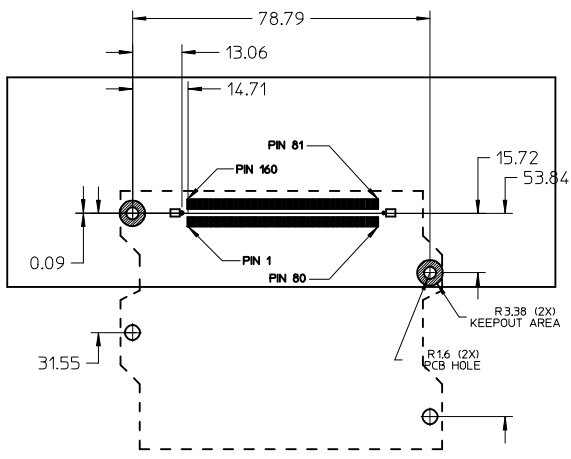
TOP VIEW



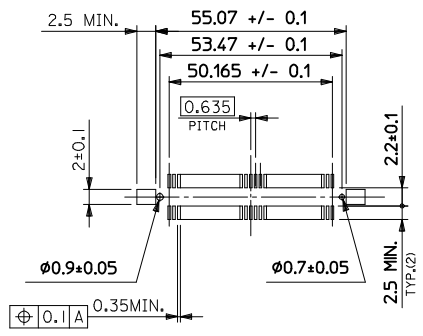
RECOMMENDED BEZEL CUTOUT

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	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± ---	mm INCH ± --- ± --- ± --- ± --- ± --- ± ---	DRAWN BY DATE LRUB10 2006/03/09	CHECKED BY DATE JSABATH 2006/03/09	TITLE 2 X 5 STACKED SFP ASSY. ATCA CHASSIS			
		ANGULAR ± --- °		APPROVED BY DATE ELOPEZ 2006/03/09	MATERIAL NO. 795275006				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE ELOPEZ 2006/03/09	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	VCCR 1	81
ID 1	78	VEET 1	82
VEET 2	76	VEET 1	83
RD 4	74	VEET 2	84
RD 5	72	VEET 3	85
RD 6	70	VEET 4	86
RD 7	68	VEET 5	87
RD 8	66	VEET 6	88
RD 9	64	VEET 7	89
RD 10	62	VEET 8	90
RD 11	60	VEET 9	91
RD 12	58	VEET 10	92
RD 13	56	VEET 11	93
RD 14	54	VEET 12	94
RD 15	52	VEET 13	95
RD 16	50	VEET 14	96
RD 17	48	VEET 15	97
RD 18	46	VEET 16	98
RD 19	44	VEET 17	99
RD 20	42	VEET 18	100
RD 21	40	VEET 19	101
RD 22	38	VEET 20	102
RD 23	36	VEET 21	103
RD 24	34	VEET 22	104
RD 25	32	VEET 23	105
RD 26	30	VEET 24	106
RD 27	28	VEET 25	107
RD 28	26	VEET 26	108
RD 29	24	VEET 27	109
RD 30	22	VEET 28	110
RD 31	20	VEET 29	111
RD 32	18	VEET 30	112
RD 33	16	VEET 31	113
RD 34	14	VEET 32	114
RD 35	12	VEET 33	115
RD 36	10	VEET 34	116
RD 37	8	VEET 35	117
RD 38	6	VEET 36	118
RD 39	4	VEET 37	119
RD 40	2	VEET 38	120
RD 41	1	VEET 39	121
RD 42	1	VEET 40	122
RD 43	1	VEET 41	123
RD 44	1	VEET 42	124
RD 45	1	VEET 43	125
RD 46	1	VEET 44	126
RD 47	1	VEET 45	127
RD 48	1	VEET 46	128
RD 49	1	VEET 47	129
RD 50	1	VEET 48	130
RD 51	1	VEET 49	131
RD 52	1	VEET 50	132
RD 53	1	VEET 51	133
RD 54	1	VEET 52	134
RD 55	1	VEET 53	135
RD 56	1	VEET 54	136
RD 57	1	VEET 55	137
RD 58	1	VEET 56	138
RD 59	1	VEET 57	139
RD 60	1	VEET 58	140
RD 61	1	VEET 59	141
RD 62	1	VEET 60	142
RD 63	1	VEET 61	143
RD 64	1	VEET 62	144
RD 65	1	VEET 63	145
RD 66	1	VEET 64	146
RD 67	1	VEET 65	147
RD 68	1	VEET 66	148
RD 69	1	VEET 67	149
RD 70	1	VEET 68	150
RD 71	1	VEET 69	151
RD 72	1	VEET 70	152
RD 73	1	VEET 71	153
RD 74	1	VEET 72	154
RD 75	1	VEET 73	155
RD 76	1	VEET 74	156
RD 77	1	VEET 75	157
RD 78	1	VEET 76	158
RD 79	1	VEET 77	159
RD 80	1	VEET 78	160

SFP1 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 1	1	VEET 1	11
XDIS 1	2	RD 1	12
XDIS 3	3	RD 1	13
MDP 1	4	VEET 1	14
MDP 2	5	VCCR 1	15
MDP 3	6	VCCR 2	16
MDP 4	7	VEE 1	17
MDP 5	8	ID 1	18
MDP 6	9	ID 2	19
MDP 7	10	VEET 1	20

SFP6 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 6	1	VEET 6	11
XDIS 6	2	RD 6	12
XDIS 8	3	RD 6	13
MDP 6	4	VEET 6	14
MDP 7	5	VCCR 6	15
MDP 8	6	VCCR 7	16
MDP 9	7	VEE 6	17
MDP 10	8	ID 6	18
MDP 11	9	ID 7	19
MDP 12	10	VEET 6	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.

SFP2 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 2	1	VEER 2	11
XDIS 2	2	RD 2	12
XDIS 4	3	RD 2	13
MDP 2	4	VEER 2	14
MDP 3	5	VCCR 2	15
MDP 4	6	VCCR 3	16
MDP 5	7	VEE 2	17
MDP 6	8	ID 2	18
MDP 7	9	ID 3	19
MDP 8	10	VEET 2	20

SFP7 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 7	1	VEER 7	11
XDIS 7	2	RD 7	12
XDIS 9	3	RD 7	13
MDP 7	4	VEER 7	14
MDP 8	5	VCCR 7	15
MDP 9	6	VCCR 8	16
MDP 10	7	VEE 7	17
MDP 11	8	ID 7	18
MDP 12	9	ID 8	19
MDP 13	10	VEET 7	20

SFP3 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 3	1	VEER 3	11
XDIS 3	2	RD 3	12
XDIS 5	3	RD 3	13
MDP 3	4	VEER 3	14
MDP 4	5	VCCR 3	15
MDP 5	6	VCCR 4	16
MDP 6	7	VEE 3	17
MDP 7	8	ID 3	18
MDP 8	9	ID 4	19
MDP 9	10	VEET 3	20

SFP8 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 8	1	VEER 8	11
XDIS 8	2	RD 8	12
XDIS 10	3	RD 8	13
MDP 8	4	VEER 8	14
MDP 9	5	VCCR 8	15
MDP 10	6	VCCR 9	16
MDP 11	7	VEE 8	17
MDP 12	8	ID 8	18
MDP 13	9	ID 9	19
MDP 14	10	VEET 8	20

SFP4 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 4	1	VEER 4	11
XDIS 4	2	RD 4	12
XDIS 6	3	RD 4	13
MDP 4	4	VEER 4	14
MDP 5	5	VCCR 4	15
MDP 6	6	VCCR 5	16
MDP 7	7	VEE 4	17
MDP 8	8	ID 4	18
MDP 9	9	ID 5	19
MDP 10	10	VEET 4	20

SFP9 CONNECTOR

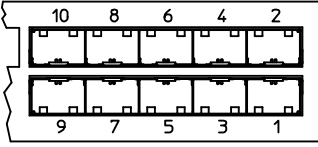
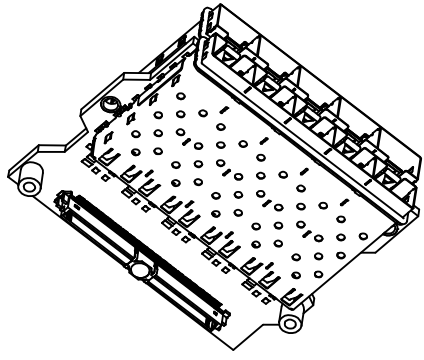
SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 9	1	VEER 9	11
XDIS 9	2	RD 9	12
XDIS 11	3	RD 9	13
MDP 9	4	VEER 9	14
MDP 10	5	VCCR 9	15
MDP 11	6	VCCR 10	16
MDP 12	7	VEE 9	17
MDP 13	8	ID 9	18
MDP 14	9	ID 10	19
MDP 15	10	VEET 9	20

SFP5 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 5	1	VEER 5	11
XDIS 5	2	RD 5	12
XDIS 7	3	RD 5	13
MDP 5	4	VEER 5	14
MDP 6	5	VCCR 5	15
MDP 7	6	VCCR 6	16
MDP 8	7	VEE 5	17
MDP 9	8	ID 5	18
MDP 10	9	ID 6	19
MDP 11	10	VEET 5	20

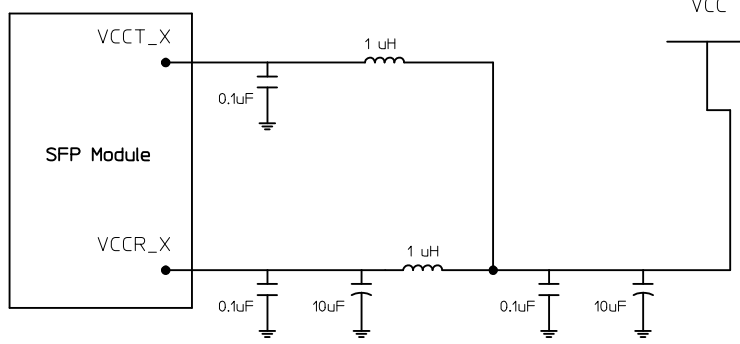
SFP10 CONNECTOR

SIGNAL	PIN NO.	SIGNAL	PIN NO.
VEET 10	1	VEER 10	11
XDIS 10	2	RD 10	12
XDIS 12	3	RD 10	13
MDP 10	4	VEER 10	14
MDP 11	5	VCCR 10	15
MDP 12	6	VCCR 11	16
MDP 13	7	VEE 10	17
MDP 14	8	ID 10	18
MDP 15	9	ID 11	19
MDP 16	10	VEET 10	20



795275006 STACKED SFP POWER FILTERING SCHEMATIC DIAGRAM

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



REVISION CONTROL

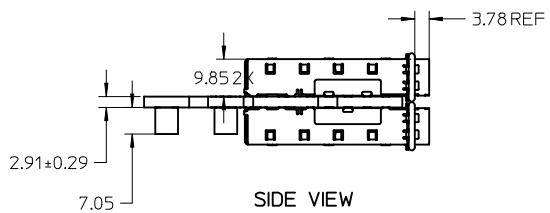
REV	DATE	DESCRIPTION OF CHANGE
1	2007/09/03	NEW RELEASE
2	2007/05/02	CHANGED PORT NUMBERING
3	2007/07/18	REVISION BLOCK ADDED
		HOT CONNECTOR PIN NUMBERING SEQUENCE ADDED
		RECOMMENDED TORQUE SPECIFIED, TYPO NOTES CORRECTED.
		SFP PORT SIGNALS NAMED UPDATED
4	2008/08/04	STANDOFF CHANGED, SCREWS AND WASHERS 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: JSABATH
 APPR: JSABATH

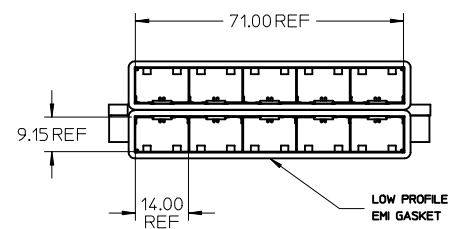
2009/08/04
 2009/08/04
 2009/08/05

DESCRIPTION

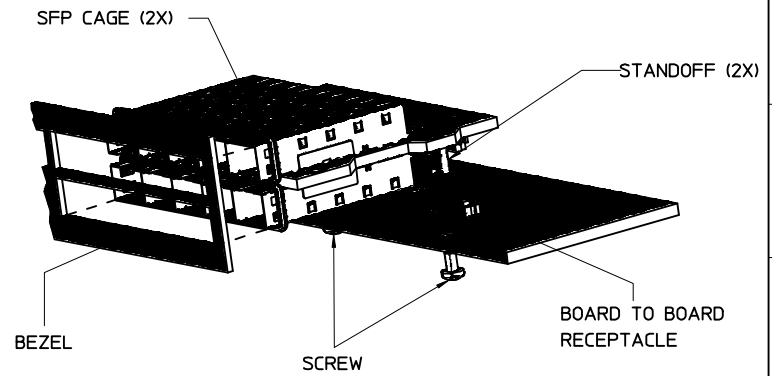
QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± ---	DRAWN BY DATE LRUBIO 2006/03/09	CHECKED BY DATE JSABATH 2006/03/09	TITLE 2 X 5 STACKED SFP ASSY. ATCA CHASSIS	
ANGULAR ± --- °		APPROVED BY DATE ELOPEZ 2006/03/09	MATERIAL NO. 795275006		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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					



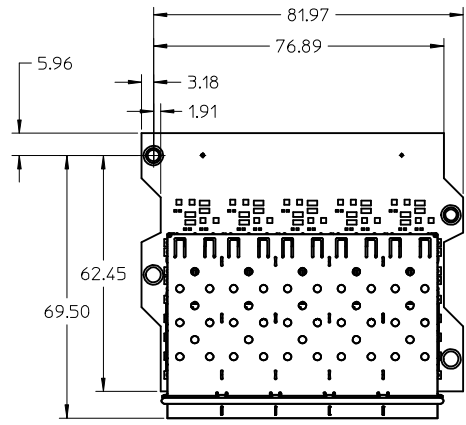
SIDE VIEW



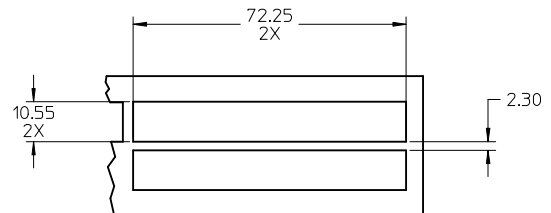
FRONT VIEW



ASSEMBLY PROCESS



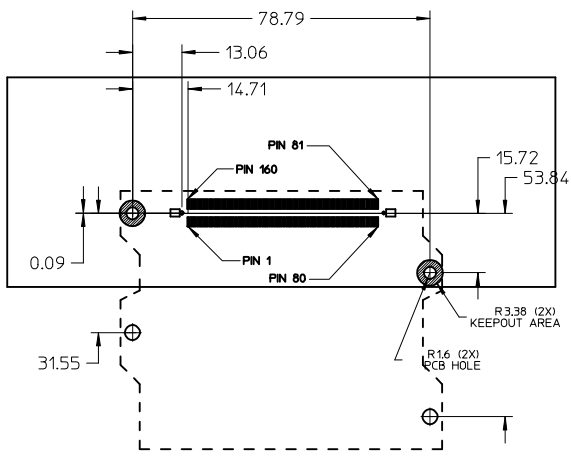
TOP VIEW



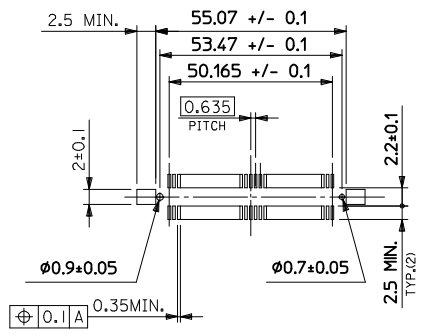
RECOMMENDED BEZEL CUTOUT

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	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± ---	mm INCH DRAWN BY DATE LRUB10 2006/03/09 CHECKED BY DATE JSABATH 2006/03/09 APPROVED BY DATE ELOPEZ 2006/03/09	TITLE 2 X 5 STACKED SFP ASSY. ATCA CHASSIS		MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 795275006	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	VCCP_1	81
ID_1	78	VXPL_1	82
VEER_2	76	VXPL_1	83
RD_2	74	MDP2_1	85
MDP_1	72	MDP1_1	87
MDP_2	70	MDP1_1	89
MDP_3	68	MDP1_1	91
MDP_4	66	MDP1_1	93
MDP_5	64	VXDS_2	97
MDP_6	62	VXDS_2	99
MDP_7	60	VXDS_2	101
MDP_8	58	VXDS_2	103
MDP_9	56	MDP1_3	105
MDP_10	54	MDP1_3	107
MDP_11	52	MDP1_3	109
MDP_12	50	MDP1_3	111
MDP_13	48	MDP1_3	113
MDP_14	46	MDP1_3	115
MDP_15	44	MDP1_3	117
MDP_16	42	MDP1_3	119
MDP_17	40	MDP1_3	121
MDP_18	38	MDP1_3	123
MDP_19	36	MDP1_3	125
MDP_20	34	MDP1_3	127
MDP_21	32	MDP1_3	129
MDP_22	30	MDP1_3	131
MDP_23	28	MDP1_3	133
MDP_24	26	MDP1_3	135
MDP_25	24	MDP1_3	137
MDP_26	22	MDP1_3	139
MDP_27	20	MDP1_3	141
MDP_28	18	MDP1_3	143
MDP_29	16	MDP1_3	145
MDP_30	14	MDP1_3	147
MDP_31	12	MDP1_3	149
MDP_32	10	MDP1_3	151
MDP_33	8	MDP1_3	153
MDP_34	6	MDP1_3	155
MDP_35	4	MDP1_3	157
MDP_36	2	MDP1_3	159
MDP_37	1	MDP1_3	161
MDP_38	1	MDP1_3	163
MDP_39	1	MDP1_3	165
MDP_40	1	MDP1_3	167
MDP_41	1	MDP1_3	169
MDP_42	1	MDP1_3	171
MDP_43	1	MDP1_3	173
MDP_44	1	MDP1_3	175
MDP_45	1	MDP1_3	177
MDP_46	1	MDP1_3	179
MDP_47	1	MDP1_3	181
MDP_48	1	MDP1_3	183
MDP_49	1	MDP1_3	185
MDP_50	1	MDP1_3	187
MDP_51	1	MDP1_3	189
MDP_52	1	MDP1_3	191
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MDP_62	1	MDP1_3	211
MDP_63	1	MDP1_3	213
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MDP_66	1	MDP1_3	219
MDP_67	1	MDP1_3	221
MDP_68	1	MDP1_3	223
MDP_69	1	MDP1_3	225
MDP_70	1	MDP1_3	227
MDP_71	1	MDP1_3	229
MDP_72	1	MDP1_3	231
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MDP_75	1	MDP1_3	237
MDP_76	1	MDP1_3	239
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MDP_78	1	MDP1_3	243
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MDP_80	1	MDP1_3	247
MDP_81	1	MDP1_3	249
MDP_82	1	MDP1_3	251
MDP_83	1	MDP1_3	253
MDP_84	1	MDP1_3	255
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MDP_101	1	MDP1_3	289
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MDP_111	1	MDP1_3	309
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