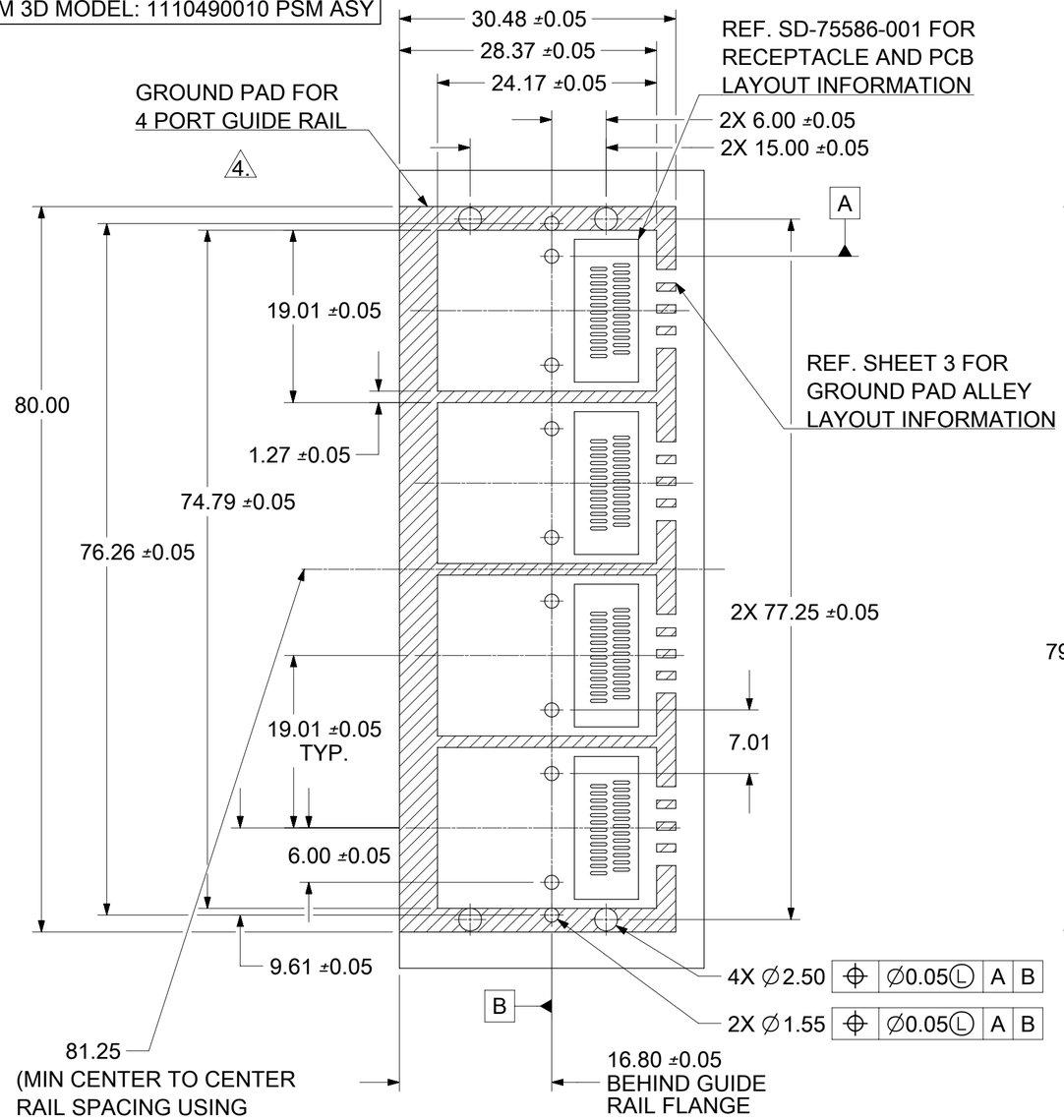
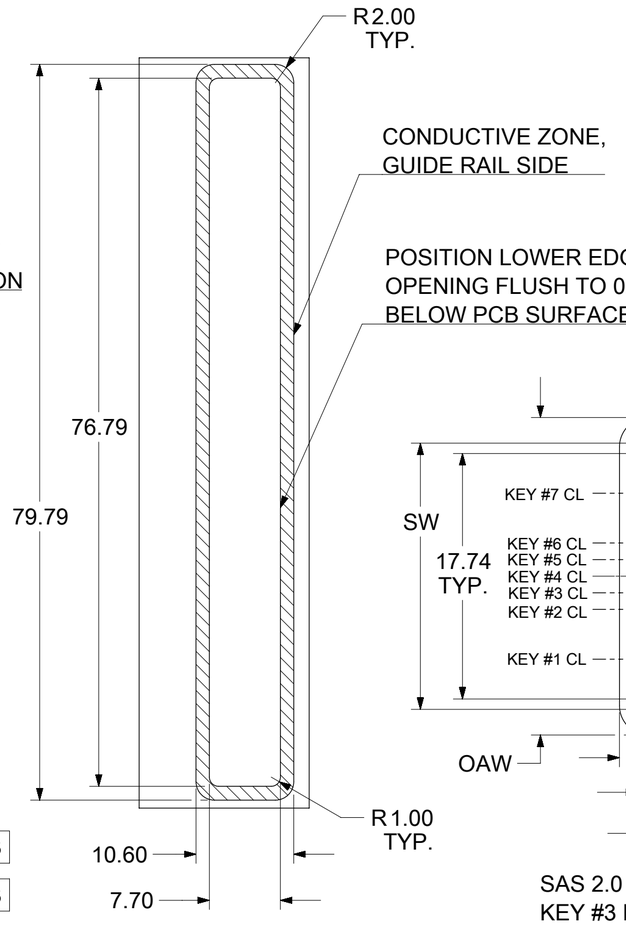
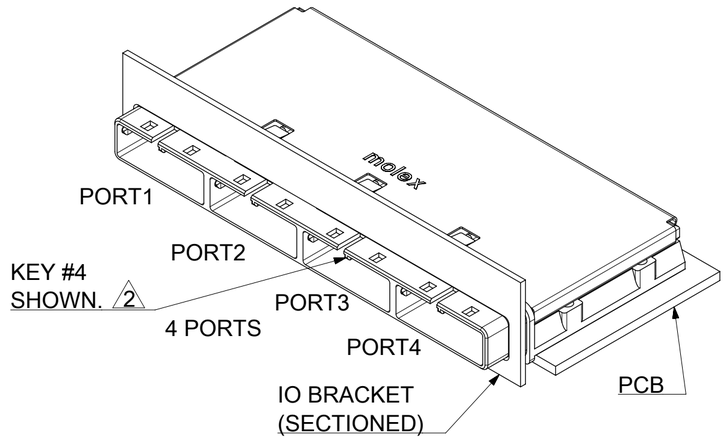
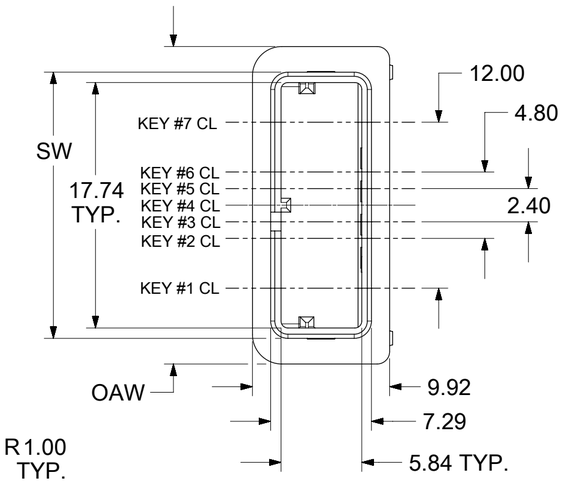
MM 3D MODEL: 1110490010 PSM ASY

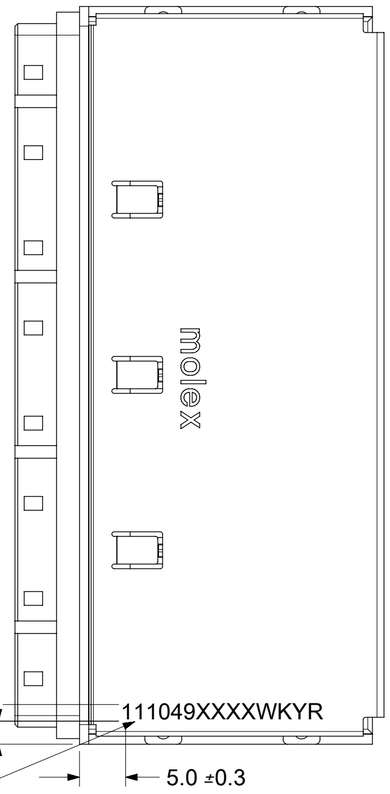




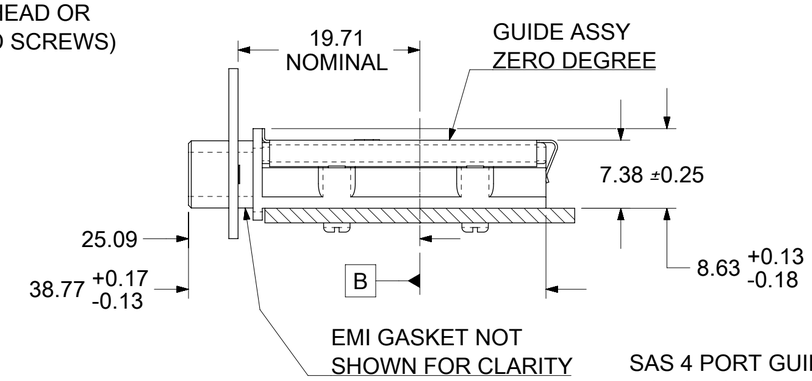




SAS 2.0 KEYWAY IN
KEY #3 POSITION



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED
ON TOP OF COVER APPROXIMATELY AS SHOWN.
SEE TABLE BELOW FOR DATE CODE INFORMATION.



SAS 4 PORT GUIDE
HOUSING ASSEMBLY

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR
YR	18, 19, 20 ETC.. (EXAMPLE: YEAR 2019= 19)

PART NUMBER	PORT SIZE	SW	OAW	KEY(S) PORT1	KEY(S) PORT2	KEY(S) PORT3	KEY(S) PORT4	IDENTIFIERS
1110490107	4	76.30	80.00	2,4	2,4	2,4	2,4	SAS OUT PORT/END DEVICE
1110490108	4	76.30	80.00	4,6	4,6	4,6	4,6	SAS IN PORT/END DEVICE
1110490109	4	76.30	80.00	4	4	4	4	SAS UNIVERSAL PORT

NOTES:
1. PCB AND BRACKET SHOWN FOR REFERENCE ONLY.
2. REF. SD-74547-100 FOR KEY POSITIONS
3. GUIDE HOUSING MOUNTING THREAD= M2 X 0.40, SEE SHEET 3 FOR SCREW LENGTH + TORQUE SPEC.
4. PLATE GROUND PAD WITH EMERSION SILVER OR GOLD.
5. MATERIAL:
   GUIDE HOUSING - ZINC DIECAST, NICKEL PLATED.
   COVER - STAINLESS STEEL.
   GASKET - CONDUCTIVE ELASTOMER.
6. NO RoHS EXEMPTIONS.
7. GUIDE HOUSING PEGS FOR ALIGNMENT ONLY, DO NOT SOLDER.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS: EAV = 0; EC = 0; EP = 0; S = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; EV = 0

DIMENSION UNITS: mm | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 610316
DRWN: PMAHADEVAPPA 2018/12/20
CHK'D: VK10 2019/01/11
APPR: RCHEN08 2019/01/15

INITIAL REVISION:
DRWN: PMAHADEVAPPA 2018/12/20
APPR: RCHEN08 2019/01/15

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 111049

molex

IPASS SAS 2.0 26CKT
GUIDE HOUSING ASSEMBLY 0 DEGREE, MULTIPORT

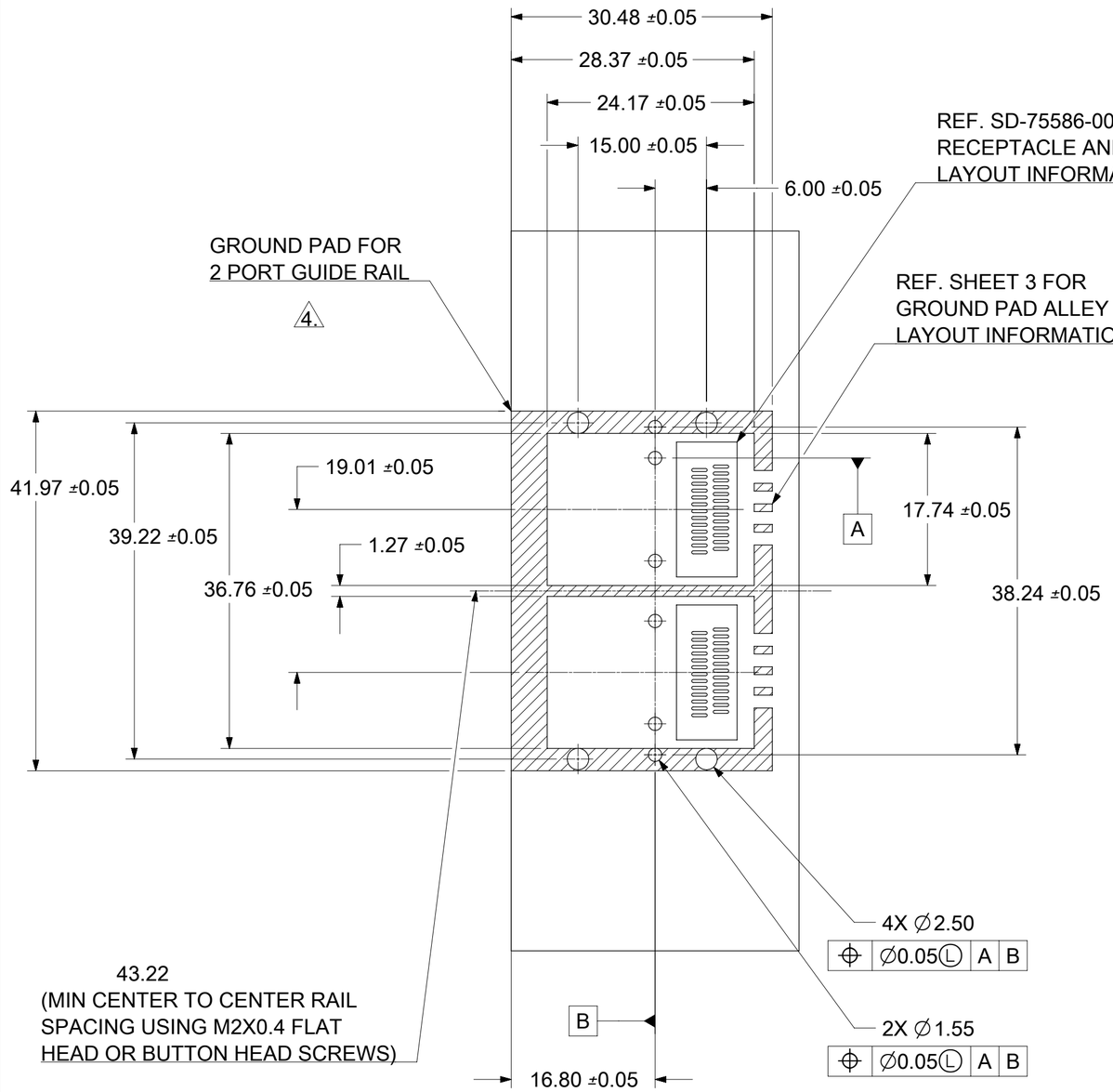
PRODUCT CUSTOMER DRAWING

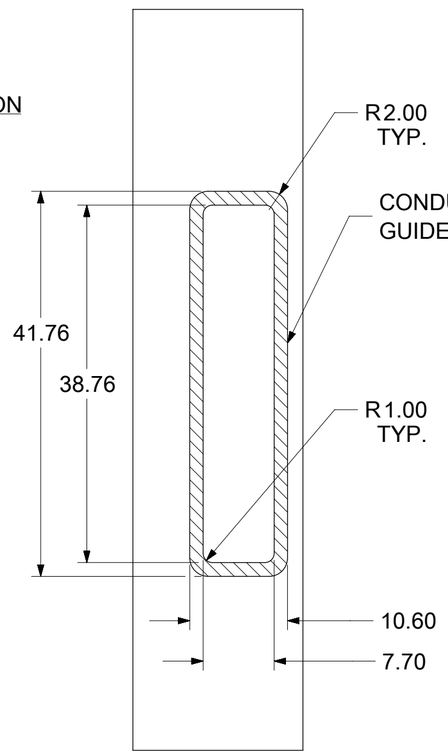
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1110490010	PSD	ASY	G

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE		1 OF 4

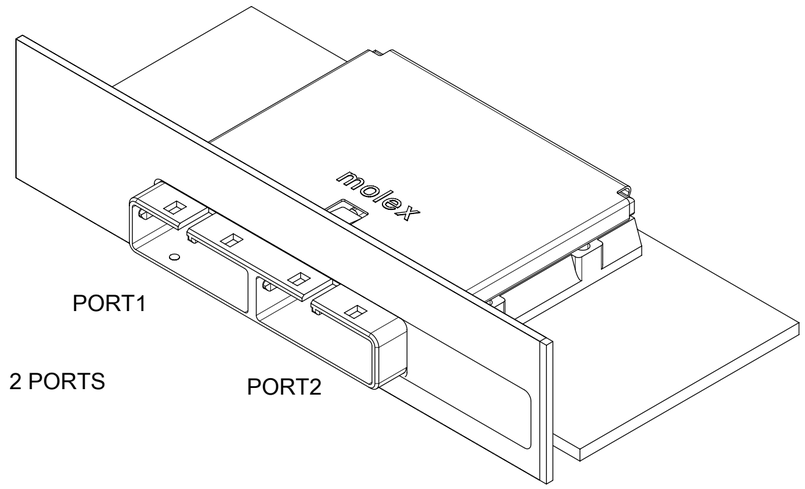
DOCUMENT STATUS	P1	RELEASE DATE	2019/01/15 04:22:36

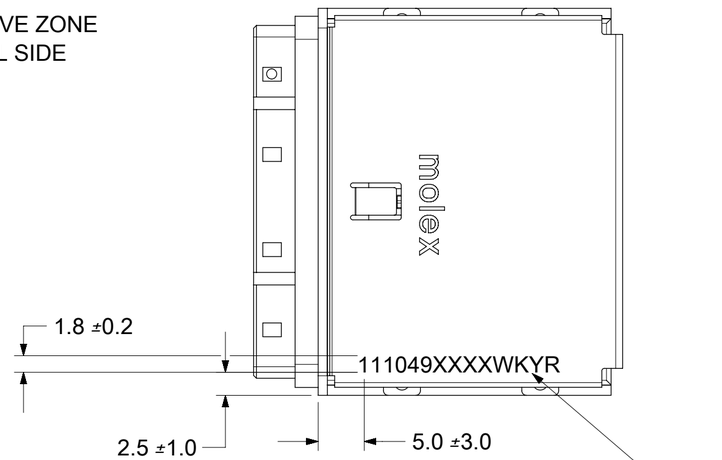
FORMAT: B-prod-C
REVISION: H
DATE: 2017/10/06





IO BRACKET
WINDOW





PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON
TOP OF COVER APPROXIMATELY AS SHOWN.
SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR
YR	19, 20, 21 ETC.. (EXAMPLE: YEAR 2019= 19)

PART NUMBER	PORT SIZE	SW	OAW	KEY(S) PORT1	KEY(S) PORT2	IDENTIFIERS
1110490104	2	38.26	41.96	2,4	2,4	SAS OUT PORT/END DEVICE
1110490105	2	38.26	41.96	4,6	4,6	SAS IN PORT/END DEVICE
1110490106	2	38.26	41.96	4	4	SAS UNIVERSAL PORT
1110490110	2	38.26	41.96	2,4	4,6	SAS OUT PORT/SAS IN PORT
1110490121	2	38.26	41.96	6	6	SAS IN PORT

SYMBOLS
E = 0
C = 0
P = 0
S = 0
= 0
C = 0
= 0
= 0
V = 0

DIMENSION UNITS: mm
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 1.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 610316
DRWN: PMAHADEVAPPA 2018/12/20
CHK'D: VK10 2019/01/11
APPR: RCHEN08 2019/01/15

INITIAL REVISION:
DRWN: PMAHADEVAPPA 2018/12/20
APPR: RCHEN08 2019/01/15

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 111049

molex

IPASS SAS 2.0 26CKT
GUIDE HOUSING ASSEMBLY 0 DEGREE, MULTIPORT

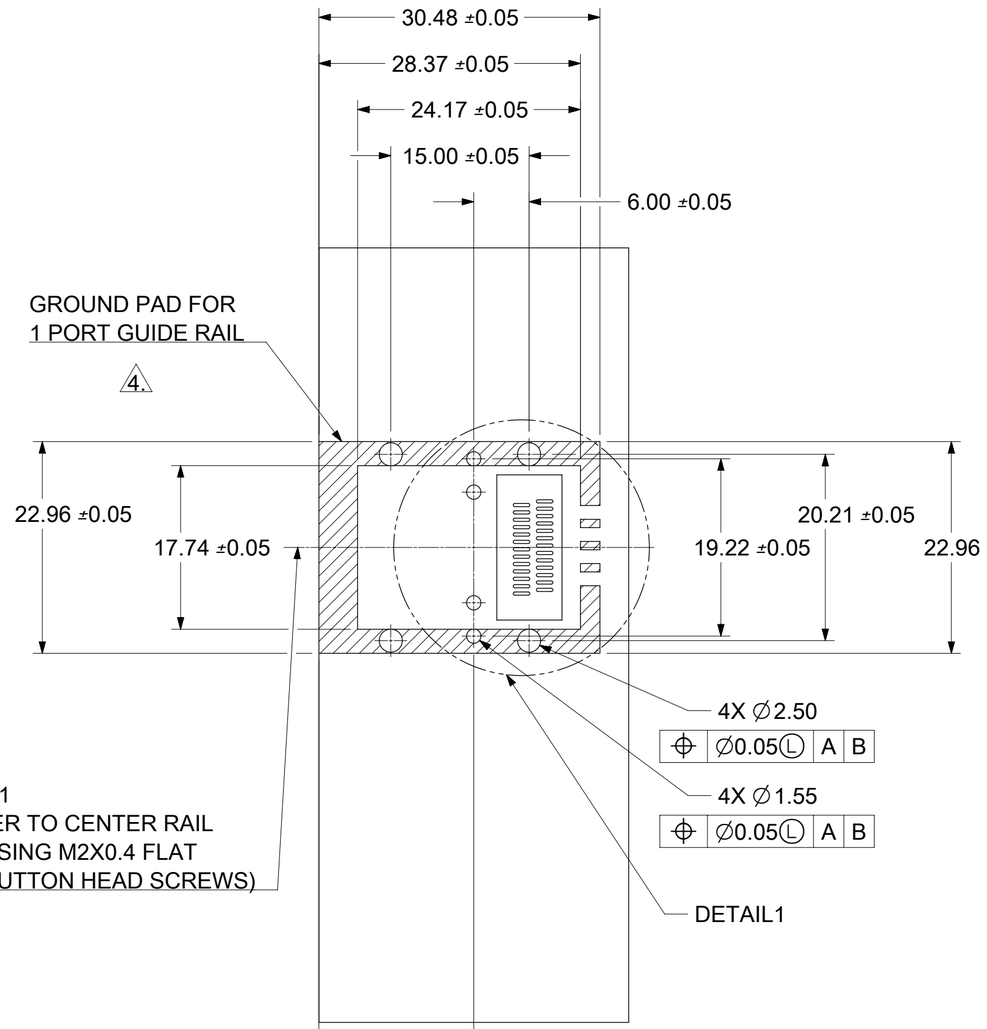
PRODUCT CUSTOMER DRAWING

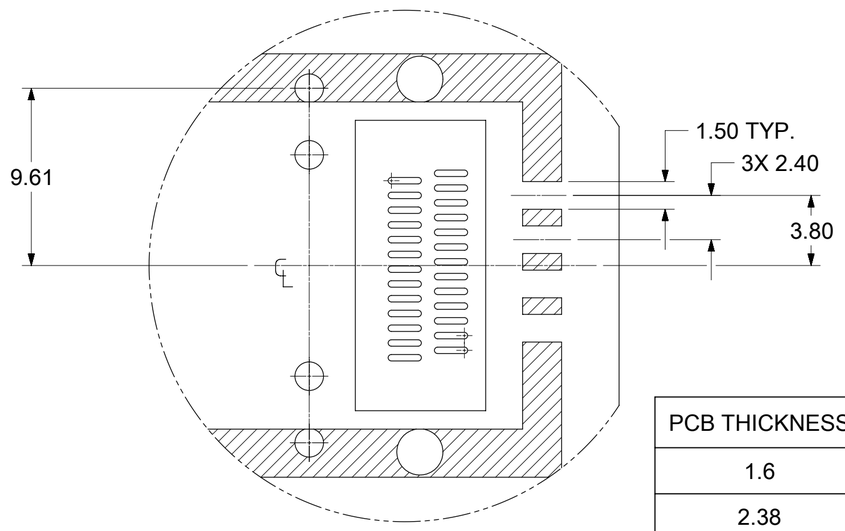
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1110490010	PSD	ASY	G

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE		2 OF 4

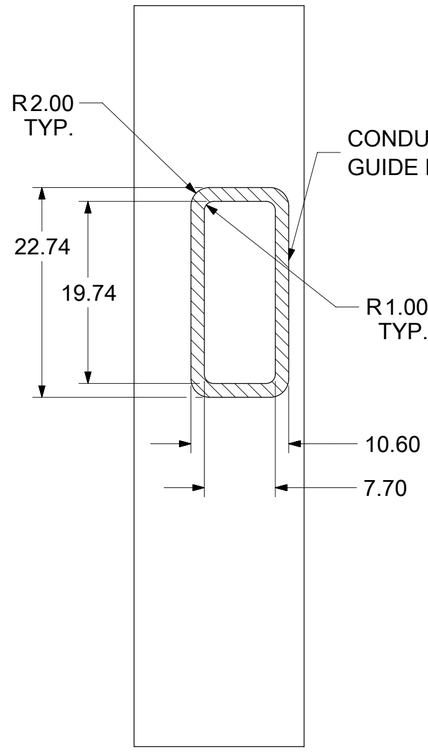
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FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06

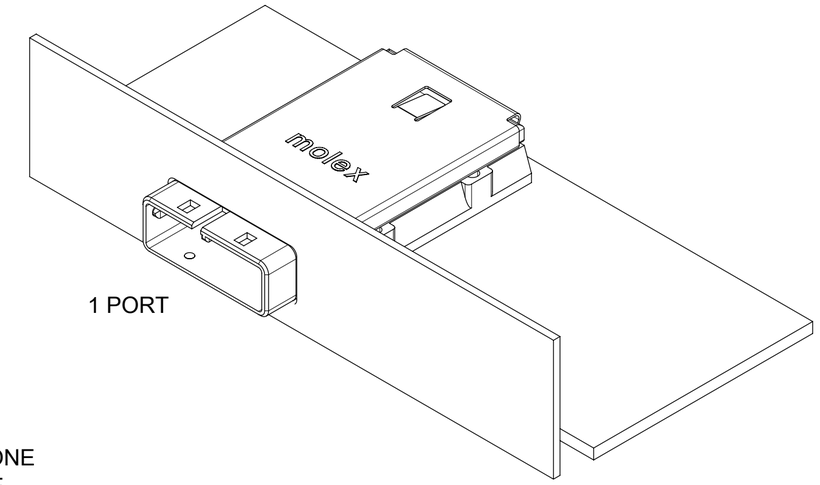


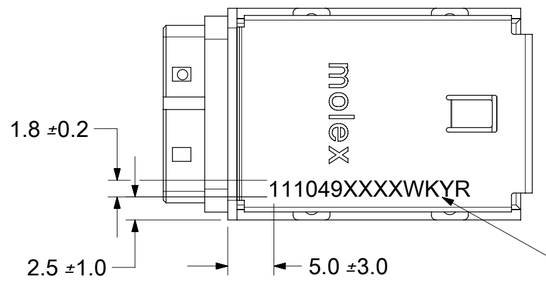


DETAIL1
SCALE 4:1



IO BRACKET
WINDOW





PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON
TOP OF COVER APPROXIMATELY AS SHOWN.
SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR
YR	19, 20, 21 ETC.. (EXAMPLE: YEAR 2019= 19)

PART NUMBER	PORT SIZE	SW	OAW	KEY(S)	IDENTIFIERS
1110490101	1	19.24	22.95	2,4	SAS OUT PORT/END DEVICE
1110490102	1	19.24	22.95	4,6	SAS IN PORT/END DEVICE
1110490103	1	19.24	22.95	4	SAS UNIVERSAL PORT
1110490120	1	19.24	22.95	2	SAS OUT PORT
1110490401	1	19.24	22.95	4	SAS UNIVERSAL PORT WITH 6MM SCREWS

PCB THICKNESS	SCREW LENGTH	TORQUE(IN LBS)
1.6	5MM	2.3
2.38	6MM	2.3
3.2	6MM	2.3
X	+4MM MAX	2.3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS
E = 0
C = 0
P = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
V = 0

DIMENSION UNITS: mm
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 610316
DRWN: PMAHADEVAPPA 2018/12/20
CHK'D: VK10 2019/01/11
APPR: RCHEN08 2019/01/15

INITIAL REVISION:
DRWN: PMAHADEVAPPA 2018/12/20
APPR: RCHEN08 2019/01/15

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 111049

molex

IPASS SAS 2.0 26CKT
GUIDE HOUSING ASSEMBLY 0 DEGREE, MULTIPORT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1110490010	PSD	ASY	G

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE		3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/01/15 04:22:36

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06

REVISION HISTORY

DATE	REV	DESCRIPTION
2015/01/30	F	1. ADDED "MM 3D MODEL: EM-111049-010 (SD_PACKAGE)" ON LEFT TOP CORNER. [SHT 1] 2. NOTE 6 CHANGED AS "NO RoHS EXEMPTIONS". [SHT 1] 3. ADDED P/N:111049-0401 INTO P/N TABLE. [SHT 3]
2018/12/20	G	1. REMASTERED FROM SD-111049-010 REV_F TO 1110490010 PSD ASY REV_G IN NX/ECTR. 2. SHEET 1: F: 3: VIEW ADDED FOR DATE CODE REPRESENTATION. 3. SHEET 2: E: 2: VIEW ADDED FOR DATE CODE REPRESENTATION. 4. SHEET 3: F: 3: VIEW ADDED FOR DATE CODE REPRESENTATION.

SYMBOLS
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FC = 0
FP = 0
S = 0
= 0
C = 0
= 0
= 0
= 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 610316
DRWN: PMAHADEVAPPA 2018/12/20
CHK'D: VK10 2019/01/11
APPR: RCHEN08 2019/01/15

INITIAL REVISION:
DRWN: PMAHADEVAPPA 2018/12/20
APPR: RCHEN08 2019/01/15

molex

IPASS SAS 2.0 26CKT
GUIDE HOUSING ASSEMBLY 0 DEGREE, MULTIPORT

PRODUCT CUSTOMER DRAWING

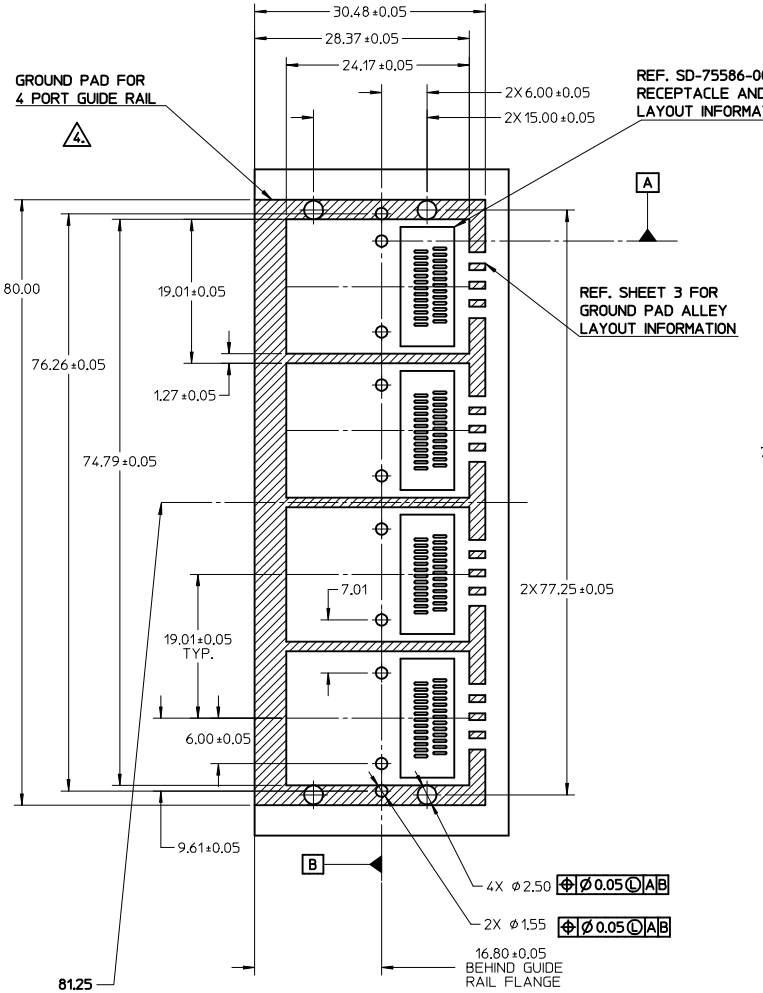
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1110490010	PSD	ASY	G

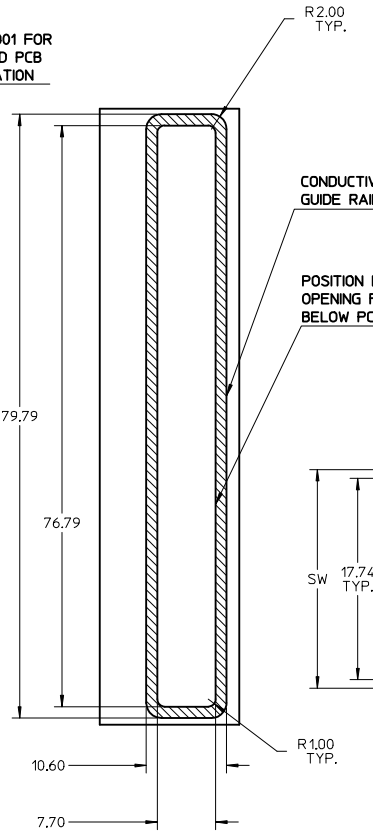
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	111049	SEE P/N TABLE		4 OF 4

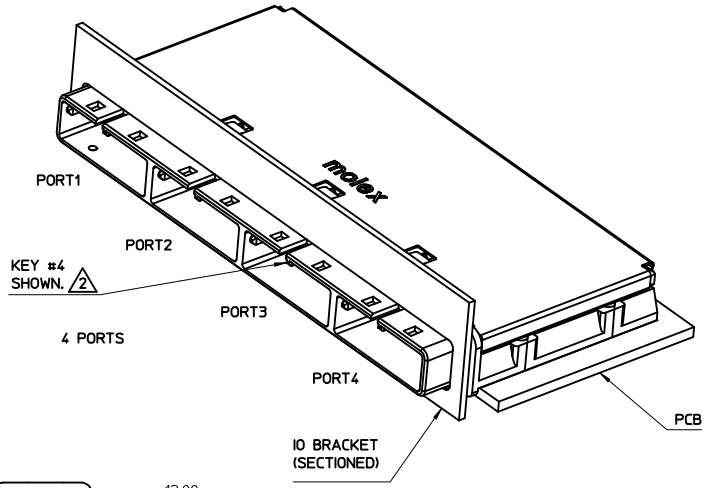
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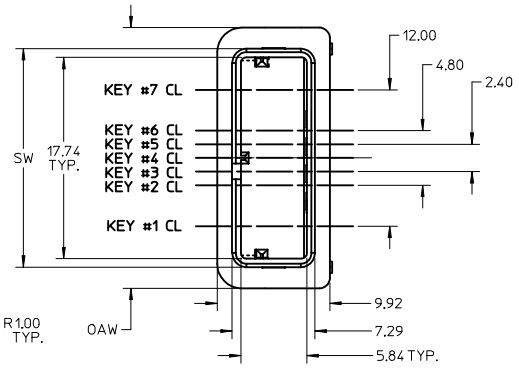
FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06

MM 3D MODEL: EM-111049-010 (SD_PACKAGE)

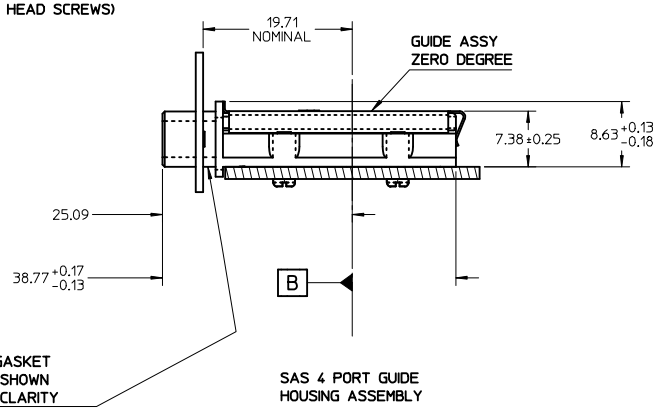








SAS 2.0 KEYWAY IN KEY #3 POSITION



SAS 4 PORT GUIDE HOUSING ASSEMBLY

NOTES:

1. PCB AND BRACKET SHOWN FOR REFERENCE ONLY.
2. REF. SD-74547-100 FOR KEY POSITIONS
3. GUIDE HOUSING MOUNTING THREAD= M2 X 0.40, SEE SHEET 3 FOR SCREW LENGTH + TORQUE SPEC.
4. PLATE GROUND PAD WITH EMERSION SILVER OR GOLD.
5. MATERIAL:
   GUIDE HOUSING - ZINC DIECAST, NICKEL PLATED.
   COVER - STAINLESS STEEL.
   GASKET - CONDUCTIVE ELASTOMER.
6. NO RoHS EXEMPTIONS.
7. GUIDE HOUSING PEGS FOR ALIGNMENT ONLY, DO NOT SOLDER.

PART NUMBER	PORT SIZE	SW	OAW	KEY(S) PORT1	KEY(S) PORT2	KEY(S) PORT3	KEY(S) PORT4	IDENTIFIERS
1110490107	4	76.30	80.00	2,4	2,4	2,4	2,4	SAS OUT PORT/END DEVICE
1110490108	4	76.30	80.00	4,6	4,6	4,6	4,6	SAS IN PORT/END DEVICE
1110490109	4	76.30	80.00	4	4	4	4	SAS UNIVERSAL PORT

SEE REVISION TABLE
EC NO: CPG2015-4013 2015/01/29
DRWN:LLU20 2015/02/06
CHKD:SYANG16 2015/05/18
APPR:RCHEN08
DESCRIPTION
REV

QUALITY SYMBOLS
F =0
F =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

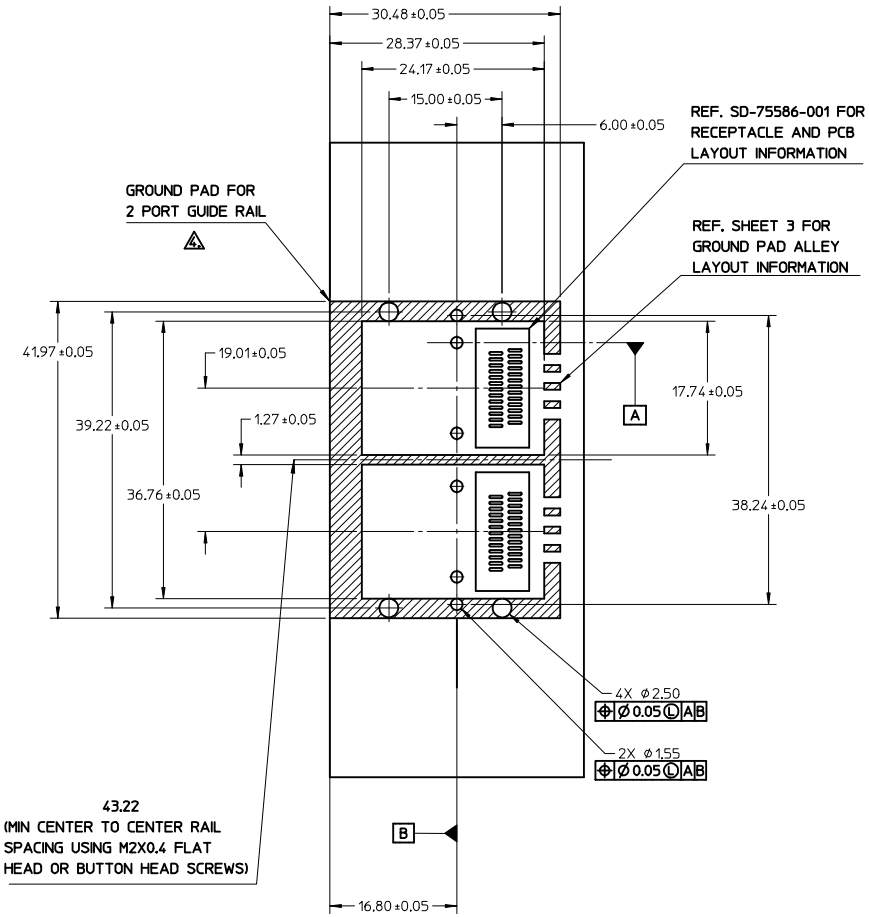
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	BREED	2008/10/07
	CHECKED BY	DATE
	DDOYE	2008/10/07
	APPROVED BY	DATE
	DDOYE	2008/10/07

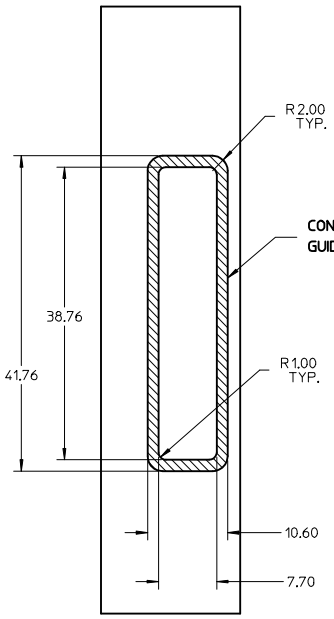
TITLE: IPASS SAS 2.0 26CKT GUIDE HOUSING ASSEMBLY 0 DEGREE, MULTIPORT

molex

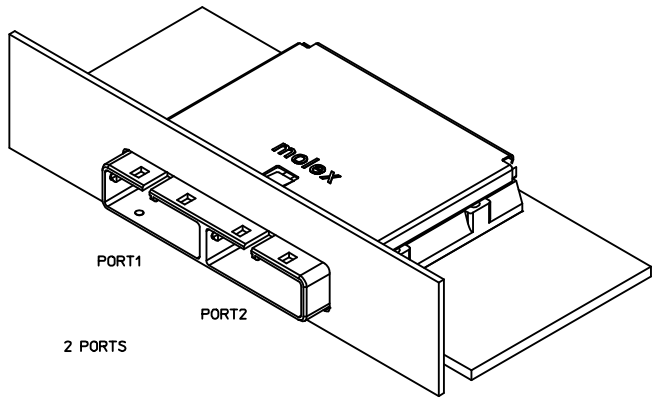
MATERIAL NO.: SEE P/N TABLE
DOCUMENT NO.: SD-111049-010
SHEET NO.: 1 OF 4
SIZE: C

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





IO BRACKET WINDOW



2 PORTS

PART NUMBER	PORT SIZE	SW	OAW	KEY(S) PORT1	KEY(S) PORT2	IDENTIFIERS
1110490104	2	38.26	41.96	2,4	2,4	SAS OUT PORT/END DEVICE
1110490105	2	38.26	41.96	4,6	4,6	SAS IN PORT/END DEVICE
1110490106	2	38.26	41.96	4	4	SAS UNIVERSAL PORT
1110490110	2	38.26	41.96	2,4	4,6	SAS OUT PORT/SAS IN PORT
1110490121	2	38.26	41.96	6	6	SAS IN PORT

SEE REVISION TABLE
EC NO: CPG2015-4013 2015/01/29
DRWN:LLU20 2015/02/06
CH'KD:SYANG16
APPR:RCHEN08 2015/05/18
DESCRIPTION
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

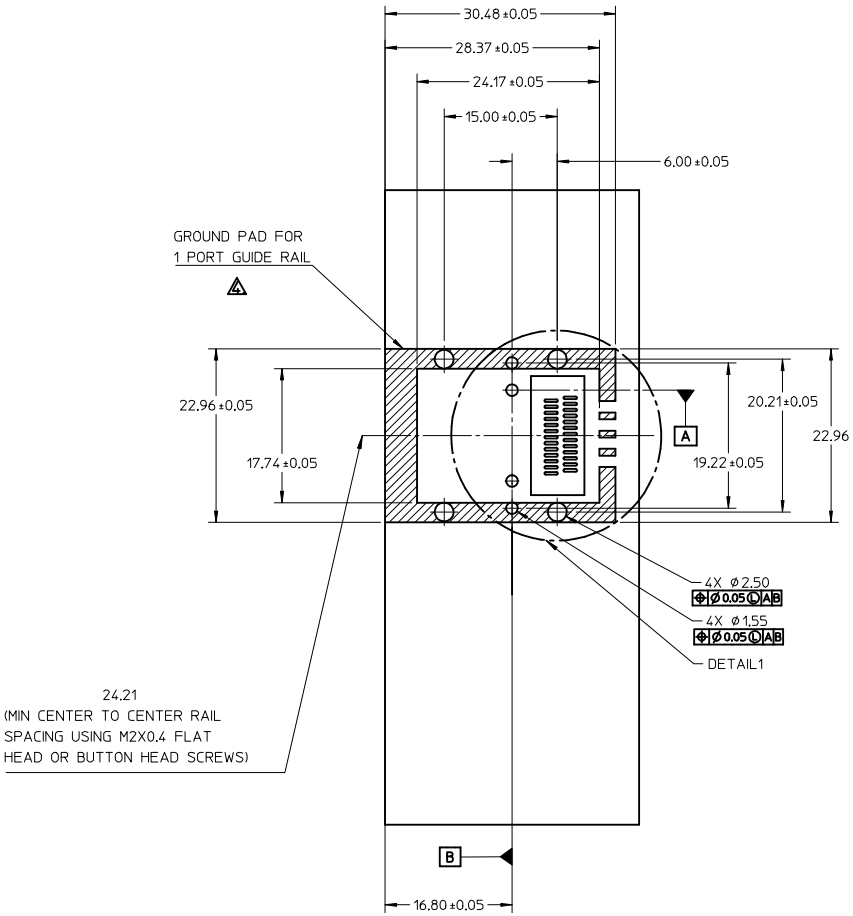
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MATERIAL NO.: SEE P/N TABLE

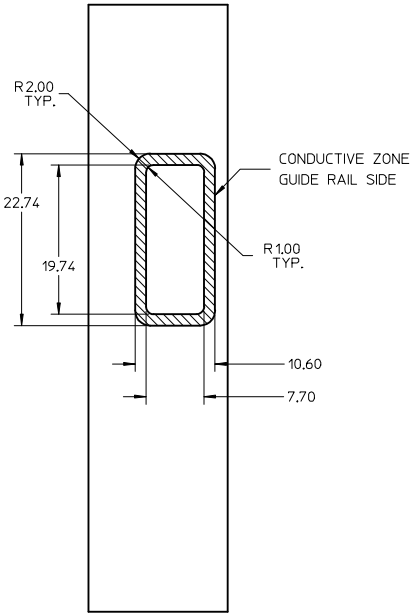
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IPASS SAS 2.0 26CKT
GUIDE HOUSING ASSEMBLY
0 DEGREE, MULTIPORT

molex

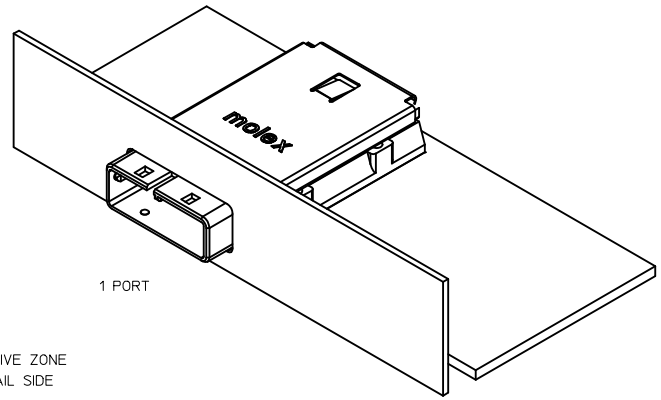
DOCUMENT NO.: SD-111049-010
SHEET NO.: 2 OF 4
SIZE: C

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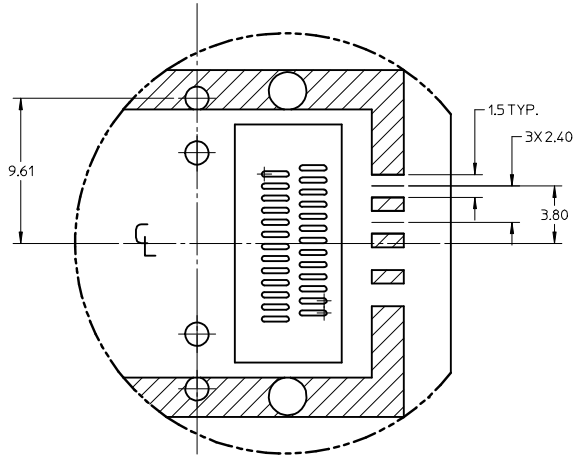




IO BRACKET
WINDOW



1 PORT



DETAIL1
SCALE 4:1

PCB THICKNESS	SCREW LENGTH	TORQUE(IN LBS)
1.6 (.063")	5MM	2.3
2.38 (.093")	6MM	2.3
3.2 (.125")	6MM	2.3
X	+4MM MAX	2.3

PART NUMBER	PORT SIZE	SW	OAW	KEY(S)	IDENTIFIERS
1110490101	1	19.24	22.95	2,4	SAS OUT PORT/END DEVICE
1110490102	1	19.24	22.95	4,6	SAS IN PORT/END DEVICE
1110490103	1	19.24	22.95	4	SAS UNIVERSAL PORT
1110490120	1	19.24	22.95	2	SAS OUT PORT
1110490401	1	19.24	22.95	4	SAS UNIVERSAL PORT WITH 6MM SCREWS

SEE REVISION TABLE
EC NO: CPG2015-4013 2015/01/29
DRWN:LLU20 2015/02/06
CH'KD:SYANG16
APPR:RCHEN08 2015/05/18
DESCRIPTION
REV

QUALITY SYMBOLS
FV=0
FF=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: BREED DATE: 2008/10/07
CHECKED BY: DDOYE DATE: 2008/10/07
APPROVED BY: DDOYE DATE: 2008/10/07
MATERIAL NO.: SEE P/N TABLE

TITLE
IPASS SAS 2.0 26CKT
GUIDE HOUSING ASSEMBLY
0 DEGREE, MULTIPORT

molex

DOCUMENT NO.: SD-111049-010
SHEET NO.: 3 OF 4
SIZE: C

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REVISION HISTORY

DATE	REV	DESCRIPTION
2015/01/30	F	1. ADDED "MM 3D MODEL: EM-111049-010 (SD_PACKAGE)" ON LEFT TOP CORNER. [SHT 1] 2. NOTE 6 CHANGED AS "NO RoHS EXEMPTIONS". [SHT 1] 3. ADDED P/N:111049-0401 INTO P/N TABLE. [SHT 3]

SEE REVISION TABLE
EC NO: CPG2015-4013 2015/01/29
DRWN:LLU20 2015/02/06
CH'KD:SYANG16 2015/05/18
APPR:RCHEN08 2015/05/18
DESCRIPTION
REV

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	BREED	2008/10/07
CHECKED BY	DDOYE	2008/10/07
APPROVED BY	DDOYE	2008/10/07

TITLE: IPASS SAS 2.0 26CKT GUIDE HOUSING ASSEMBLY 0 DEGREE, MULTIPORT

molex

MATERIAL NO.: SEE P/N TABLE
DOCUMENT NO.: SD-111049-010
SHEET NO.: 4 OF 4
SIZE: C

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