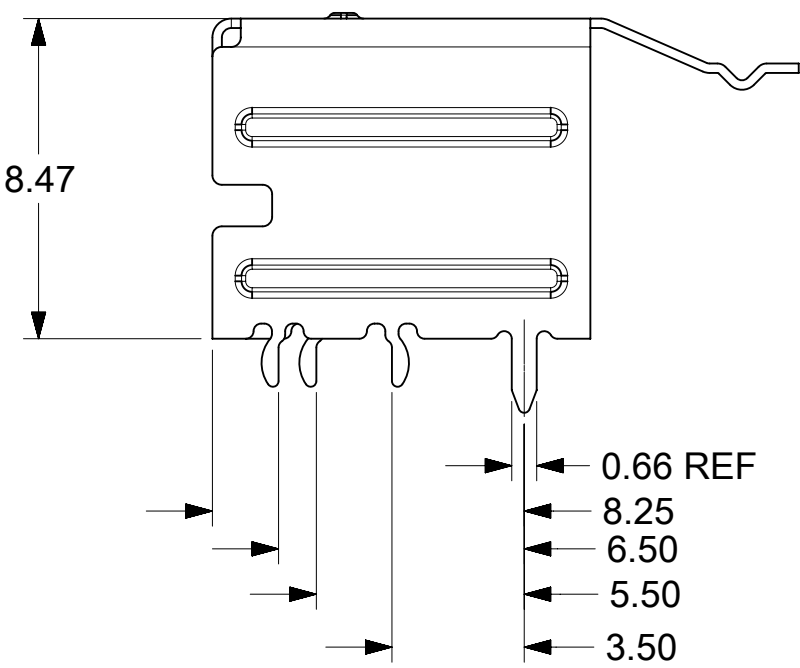
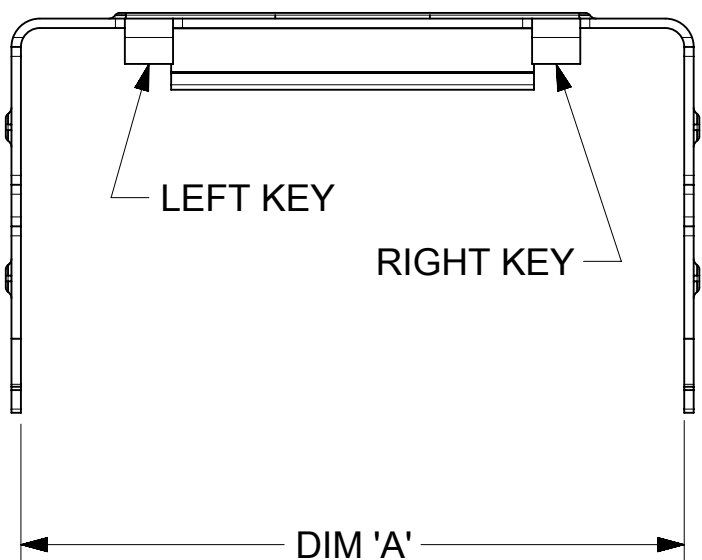
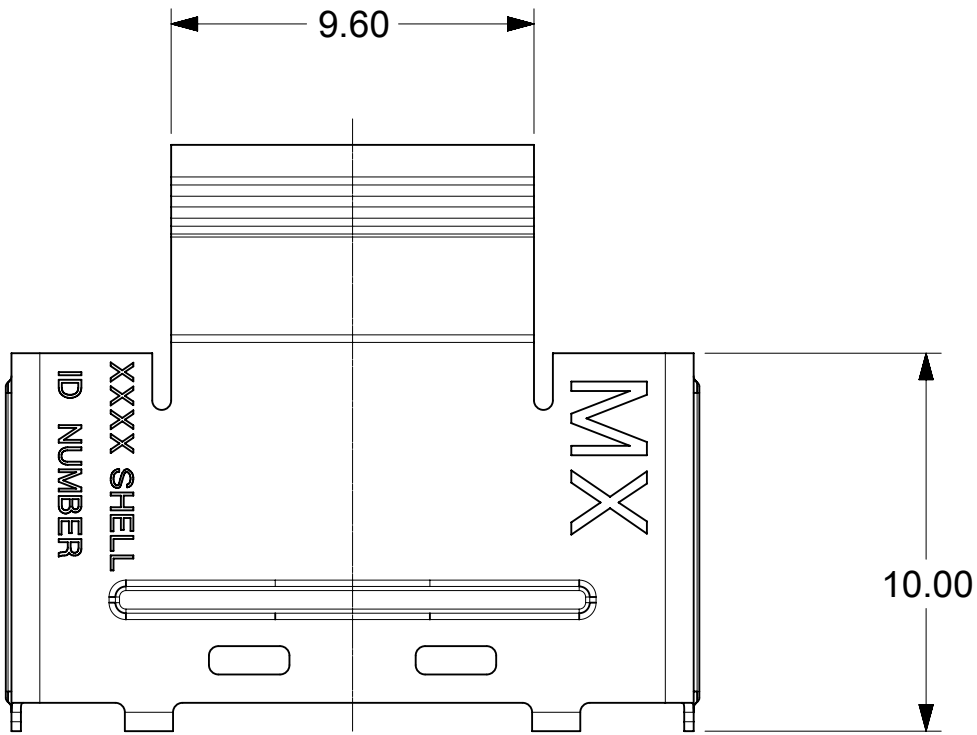
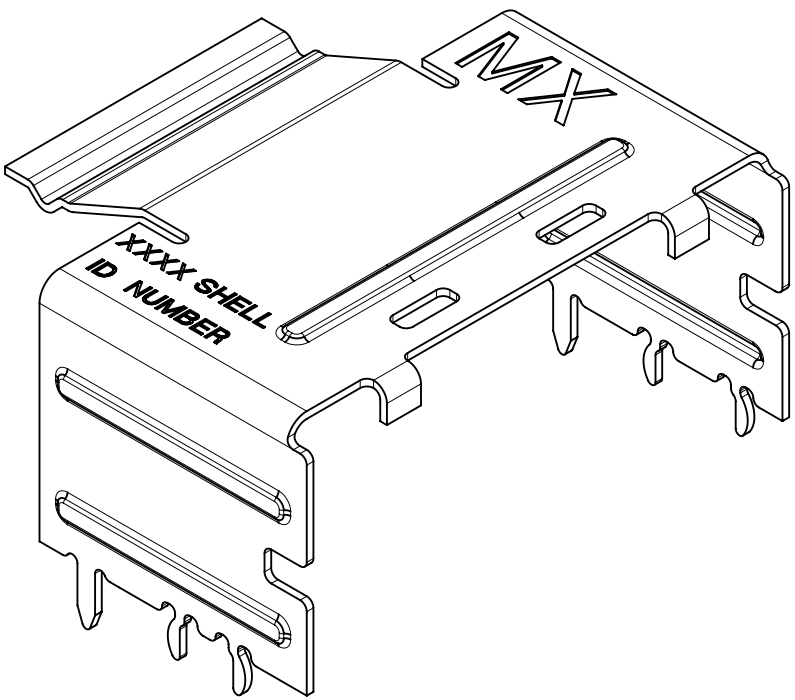


RETENTION FIT SHELL



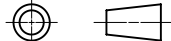
ITEM NUMBER	CIRCUIT SIZE	DIM 'A'	KEY
76010-5000	26	13.55	LEFT
76010-5010	26	13.55	RIGHT
76010-5020	26	13.55	DUAL
76010-5100	36	17.55	LEFT
76010-5110	36	17.55	RIGHT
76010-5120	36	17.55	DUAL
76010-5030	26	13.55	UNIVERSAL
76010-5130	36	17.55	UNIVERSAL
76010-5200	50	23.15	LEFT
76010-5210	50	23.15	RIGHT
76010-5220	50	23.15	DUAL
76010-5300	68	30.35	LEFT
76010-5310	68	30.35	RIGHT
76010-5320	68	30.35	DUAL
76010-5230	50	23.15	UNIVERSAL
76010-5330	68	30.35	UNIVERSAL

UNIVERSAL = NO KEY

NOTES:

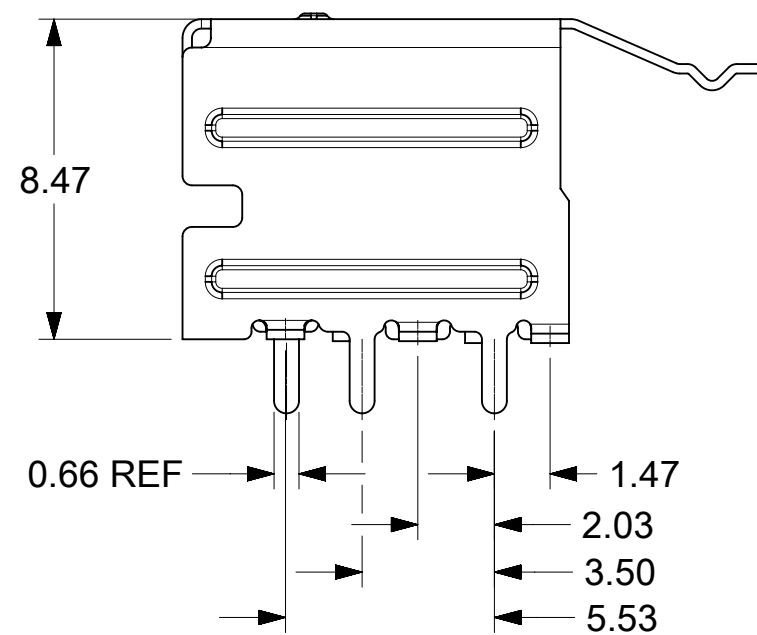
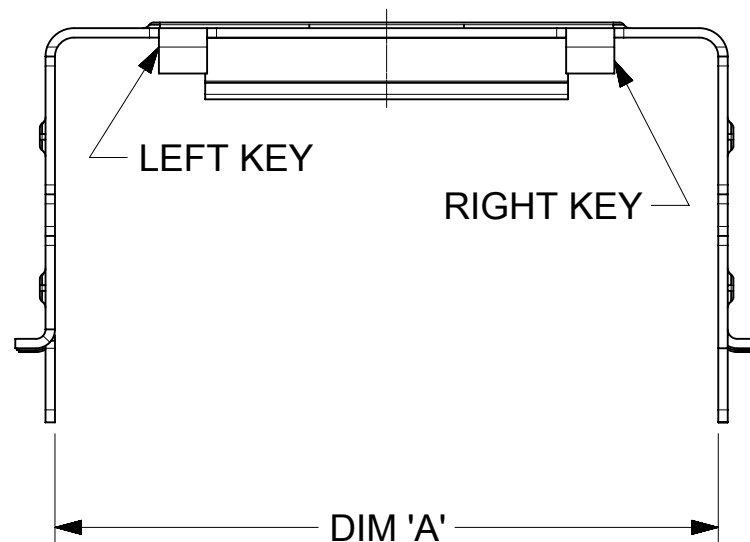
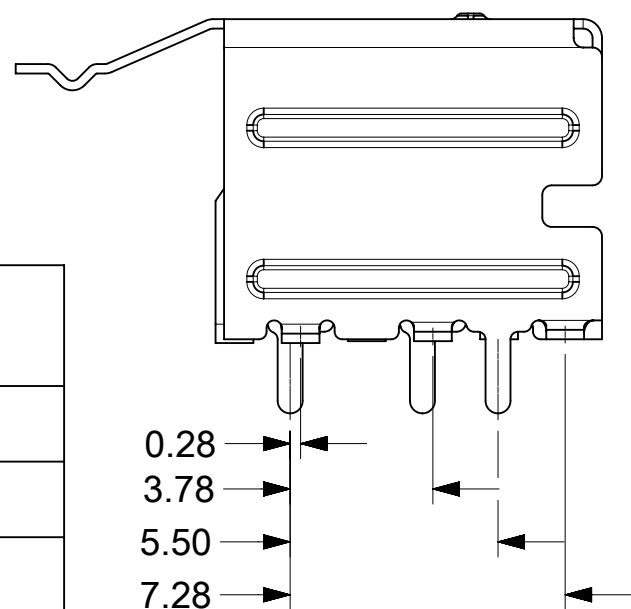
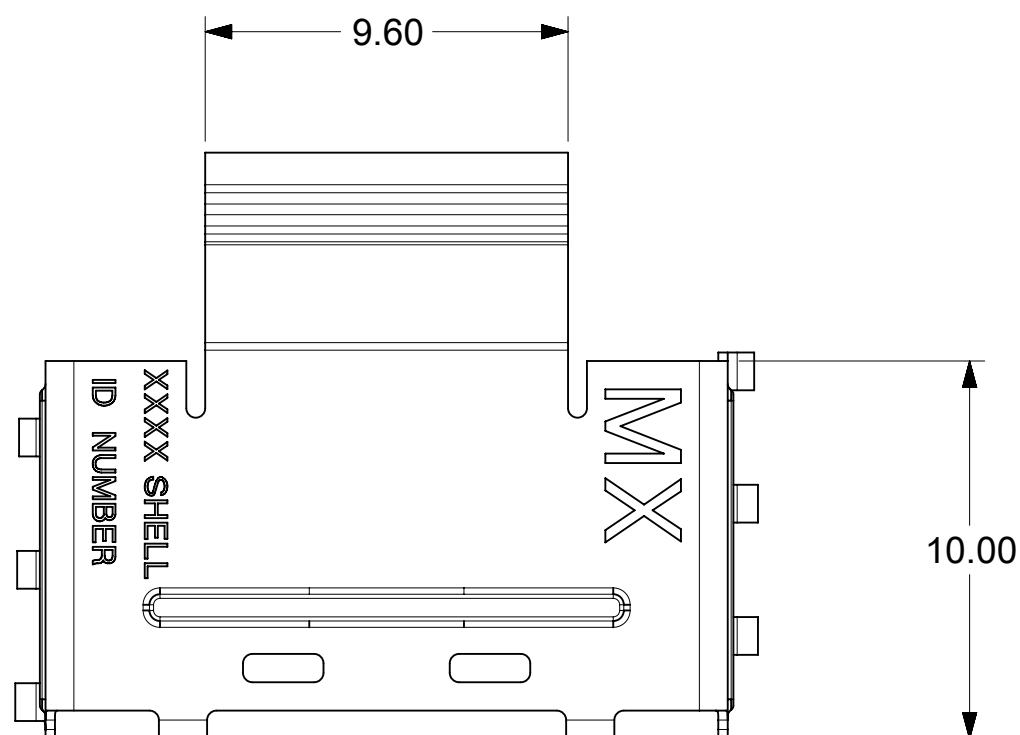
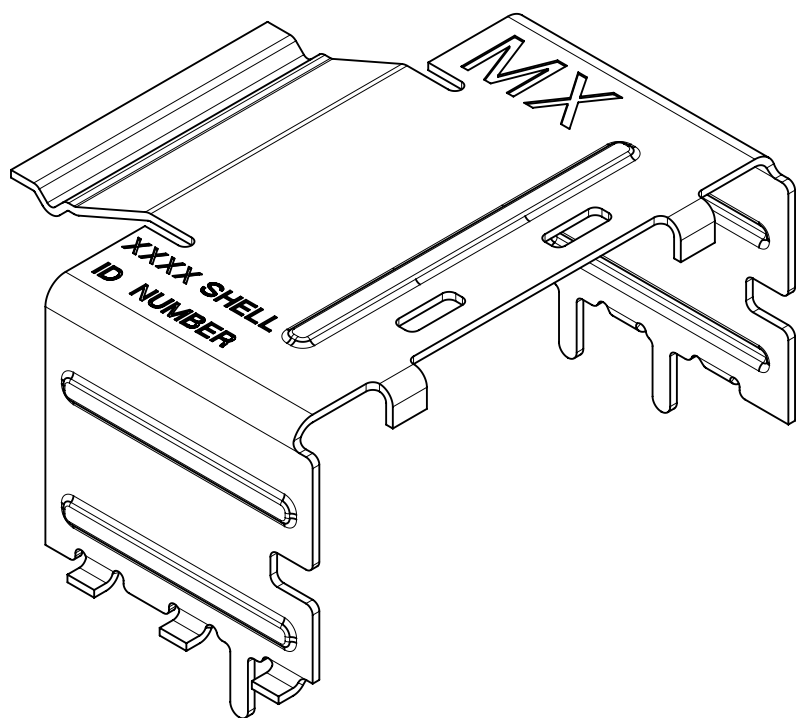
1. MATERIAL: SILVER NICKEL, THICKNESS: 0.250/0.254
2. TO BE USED WITH CONNECTOR SERIES 75586, CABLE SERIES 79575/74563/79576/74573/79536/74562/74569/74586
3. PACKAGED PER PACKAGING SPECIFICATION PK-76010-001
4. DATE CODE WILL APPEAR ON SHIPPING CARTON ONLY

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex I-PASS SHELL RIGHT ANGLE INTERNAL CABLE							
MM		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620216 DRWN: AKUMAR192018/06/21 CHK'D: GGA2019/07/09 APPR: GGA2019/07/09 INITIAL REVISION: DRWN: JLSWENSON2006/02/16 APPR: MBANAKIS2006/02/16				PRODUCT CUSTOMER DRAWING							
												MM		INCH	
4 PLACES		±						±							
3 PLACES		±	0.13					±							
2 PLACES		±	0.13					±							
1 PLACE		±	0.25	±											
0 PLACES		±		±											
ANGULAR TOL				±		0.5 °		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
								SD-76010-001		PSD	001	D			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE		76010		SEE TABLE		GENERAL MARKET		1 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27
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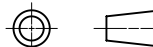
SMT SHELL



ITEM NUMBER	CIRCUIT SIZE	DIM 'A'	KEY
76010-5001	26	13.55	LEFT
76010-5011	26	13.55	RIGHT
76010-5021	26	13.55	DUAL
76010-5101	36	17.55	LEFT
76010-5111	36	17.55	RIGHT
76010-5121	36	17.55	DUAL
76010-5131	36	17.55	UNIVERSAL
76010-5201	50	23.15	LEFT
76010-5211	50	23.15	RIGHT
76010-5221	50	23.15	DUAL
76010-5301	68	30.35	LEFT
76010-5311	68	30.35	RIGHT
76010-5321	68	30.35	DUAL
76010-5231	50	23.15	UNIVERSAL
76010-5331	68	30.35	UNIVERSAL

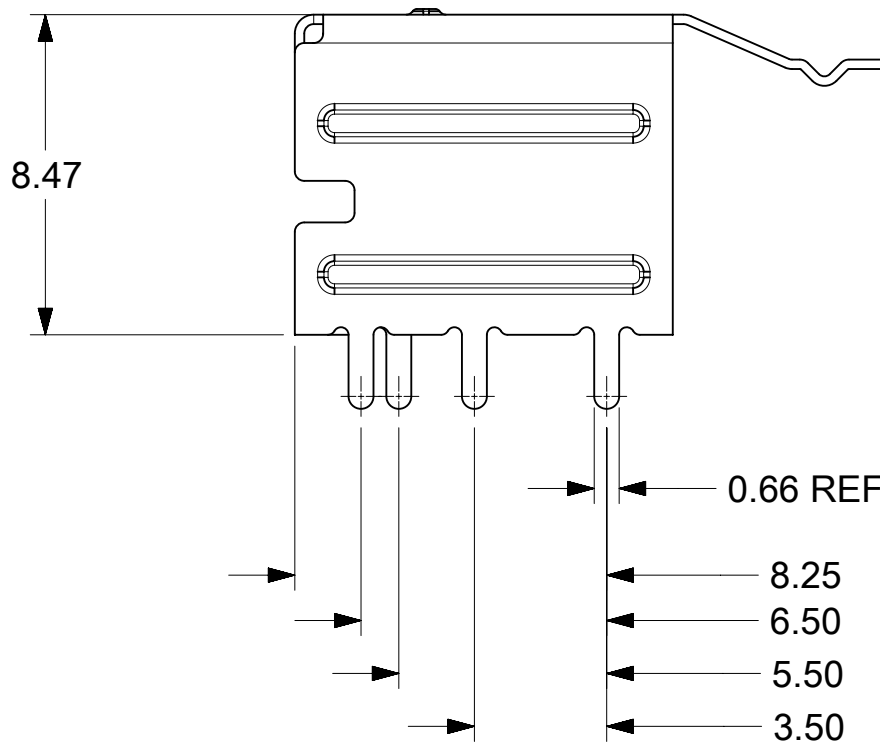
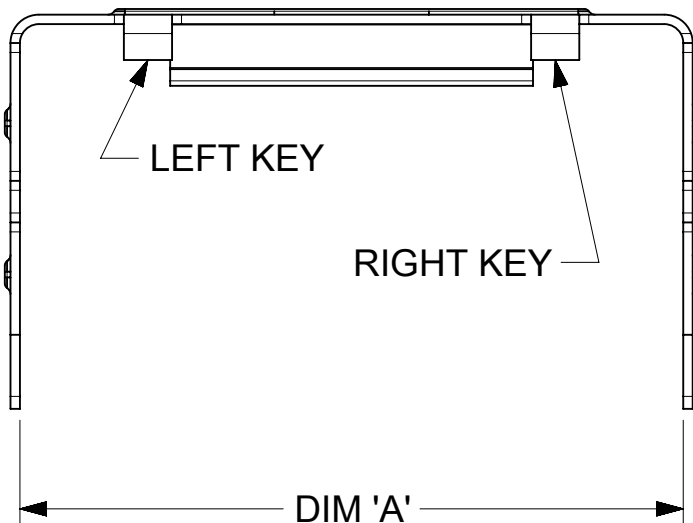
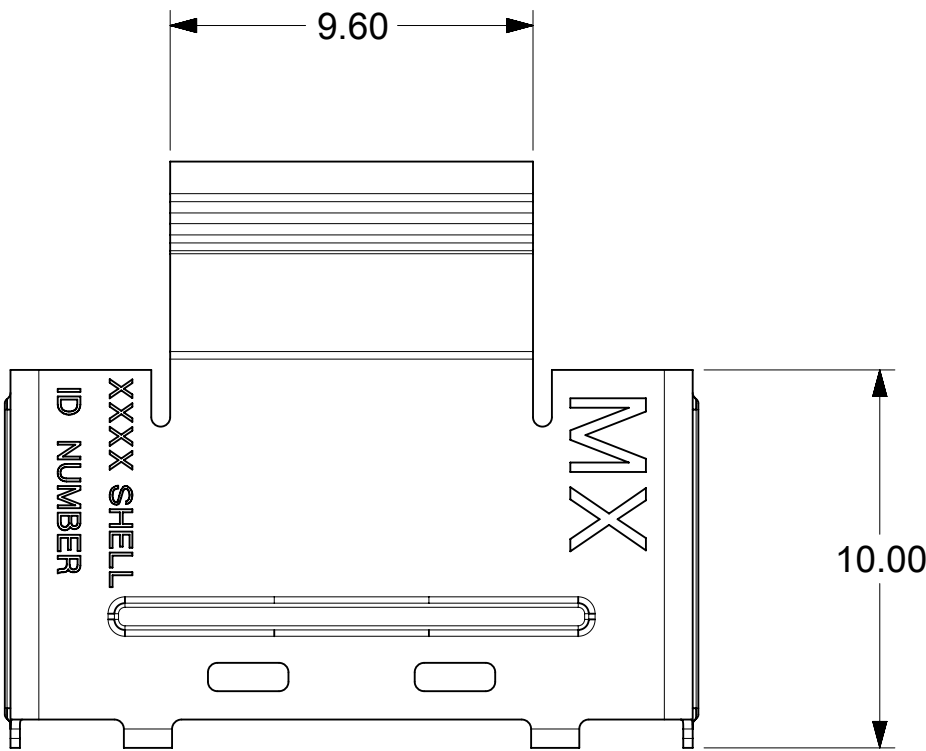
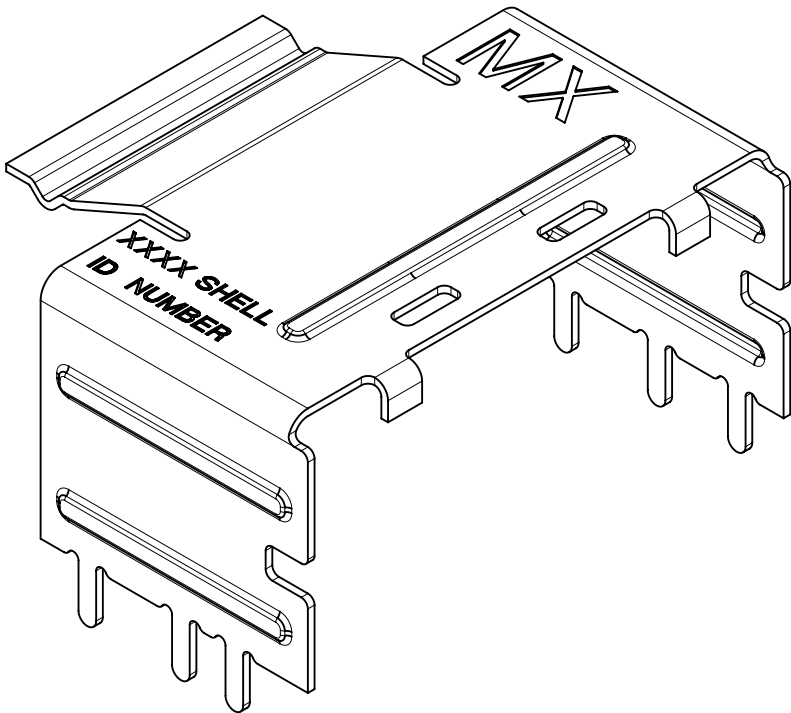
UNIVERSAL = NO KEY

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
MM		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								I-PASS SHELL RIGHT ANGLE INTERNAL CABLE							
	MM	INCH													
4 PLACES	±		±	EC NO: 620216				PRODUCT CUSTOMER DRAWING							
3 PLACES	±	0.13	±	DRWN: AKUMAR19 2018/06/21											
2 PLACES	±	0.13	±	CHK'D: GGA 2019/07/09											
1 PLACE	±	0.25	±	APPR: GGA 2019/07/09				DOCUMENT NUMBER SD-76010-001				DOC TYPE PSD	DOC PART 001	REVISION D	
0 PLACES	±			INITIAL REVISION:											
ANGULAR TOL ± 0.5 °				DRWN: JLSWENSON 2006/02/16											
APPR: MBANAKIS 2006/02/16															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 76010		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27
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THROUGH HOLE SHELL
(PART NUMBERS ON SHEET 4)



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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex				
MM		5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620216 DRWN: AKUMAR19 2018/06/21 CHK'D: GGA 2019/07/09 APPR: GGA 2019/07/09				I-PASS SHELL RIGHT ANGLE INTERNAL CABLE				
MM		INCH										
4 PLACES	±		±									
3 PLACES	±	0.13	±									
2 PLACES	±	0.13	±									
1 PLACE	±	0.25	±	INITIAL REVISION: DRWN: JLSWENSON 2006/02/16 APPR: MBANAKIS 2006/02/16				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±							SD-76010-001		PSD	001	D
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE	76010	SEE TABLE		GENERAL MARKET		3 OF 7

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27
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THROUGH HOLE SHELL (PART NUMBERS)

ITEM NUMBER	CIRCUIT SIZE	DIM 'A'	DIM 'B'	KEY
76010-5002	26	13.55	1.96	LEFT
76010-5012	26	13.55	1.96	RIGHT
76010-5022	26	13.55	1.96	DUAL
76010-5102	36	17.55	1.96	LEFT
76010-5112	36	17.55	1.96	RIGHT
76010-5122	36	17.55	1.96	DUAL
76010-5132	36	17.55	1.96	UNIVERSAL
76010-5103	36	17.55	2.79	LEFT
76010-5113	36	17.55	2.79	RIGHT
76010-5123	36	17.55	2.79	DUAL
76010-5133	36	17.55	2.79	UNIVERSAL
76010-5104	36	17.55	3.18	LEFT
76010-5114	36	17.55	3.18	RIGHT
76010-5124	36	17.55	3.18	DUAL
76010-5134	36	17.55	3.18	UNIVERSAL
76010-5141	36	17.55	3.56	LEFT
76010-5151	36	17.55	3.56	RIGHT
76010-5161	36	17.55	3.56	DUAL
76010-5171	36	17.55	3.56	UNIVERSAL
76010-5202	50	23.15	1.96	LEFT
76010-5212	50	23.15	1.96	RIGHT
76010-5222	50	23.15	1.96	DUAL
76010-5302	68	30.35	1.96	LEFT
76010-5312	68	30.35	1.96	RIGHT
76010-5322	68	30.35	1.96	DUAL
76010-5232	50	23.15	1.96	UNIVERSAL
76010-5332	68	30.35	1.96	UNIVERSAL

ITEM NUMBER	CIRCUIT SIZE	DIM 'A'	DIM 'B'	KEY
76010-5003	26	13.55	2.79	LEFT
76010-5013	26	13.55	2.79	RIGHT
76010-5023	26	13.55	2.79	DUAL
76010-5033	26	13.55	2.79	UNIVERSAL
76010-5004	26	13.55	3.18	LEFT
76010-5014	26	13.55	3.18	RIGHT
76010-5024	26	13.55	3.18	DUAL
76010-5034	26	13.55	3.18	UNIVERSAL
76010-5203	50	23.15	2.79	LEFT
76010-5213	50	23.15	2.79	RIGHT
76010-5223	50	23.15	2.79	DUAL
76010-5233	50	23.15	2.79	UNIVERSAL
76010-5204	50	23.15	3.18	LEFT
76010-5214	50	23.15	3.18	RIGHT
76010-5224	50	23.15	3.18	DUAL
76010-5234	50	23.15	3.18	UNIVERSAL
76010-5303	68	30.35	2.79	LEFT
76010-5313	68	30.35	2.79	RIGHT
76010-5323	68	30.35	2.79	DUAL
76010-5333	68	30.35	2.79	UNIVERSAL
76010-5304	68	30.35	3.18	LEFT
76010-5314	68	30.35	3.18	RIGHT
76010-5324	68	30.35	3.18	DUAL
76010-5334	68	30.35	3.18	UNIVERSAL

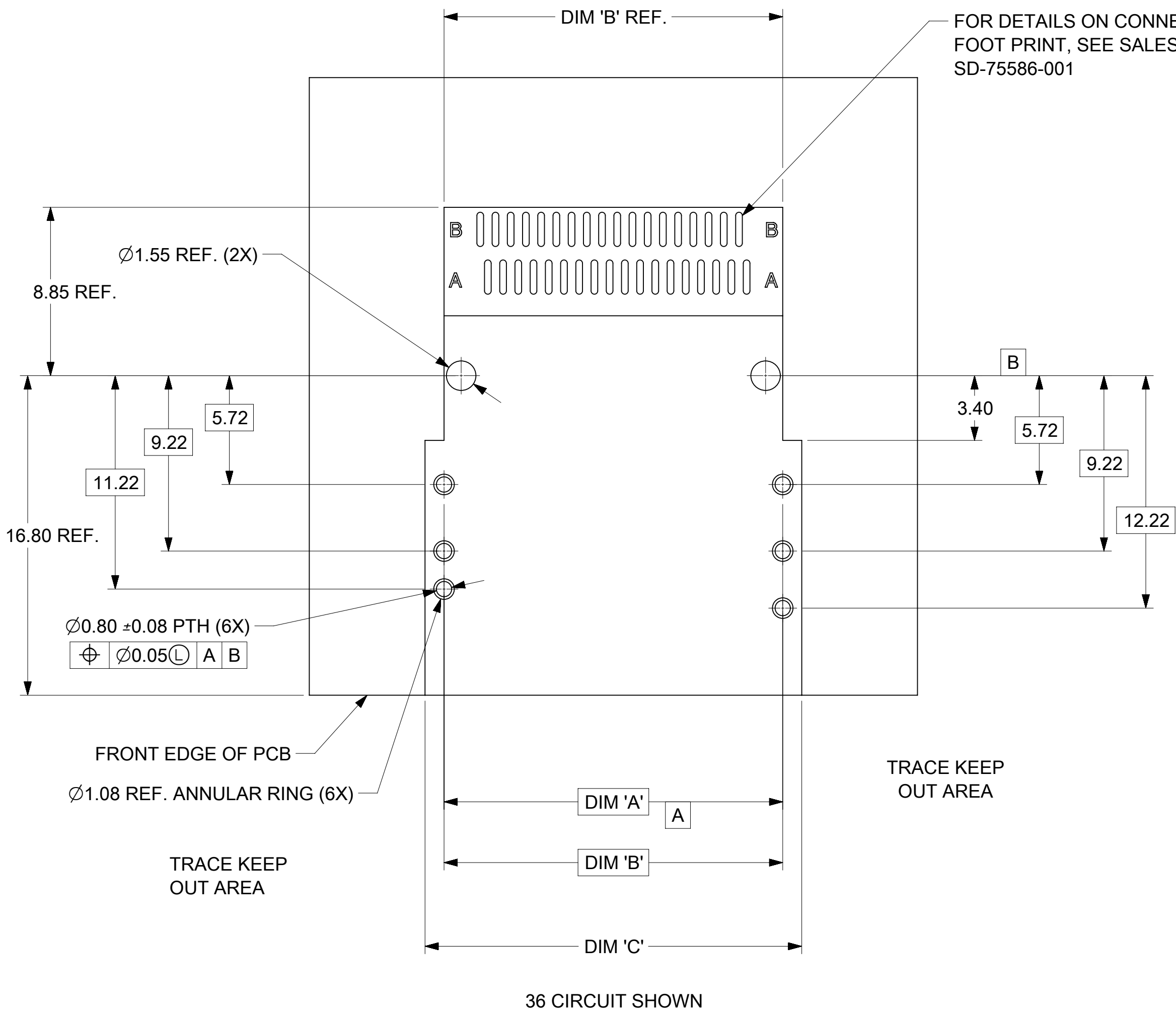
UNIVERSAL = NO KEY

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex				
MM		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620216 DRWN: AKUMAR19 2018/06/21 CHK'D: GGA 2019/07/09 APPR: GGA 2019/07/09 INITIAL REVISION: DRWN: JLSWENSON 2006/02/16 APPR: MBANAKIS 2006/02/16				I-PASS SHELL RIGHT ANGLE INTERNAL CABLE				
		MM	INCH									
4 PLACES	±		±									
3 PLACES	±	0.13	±									
2 PLACES	±	0.13	±									
1 PLACE	±	0.25	±									
0 PLACES	±		±	PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL ± 0.5 °								SD-76010-001		PSD	001	D
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	76010	SEE TABLE		GENERAL MARKET		4 OF 7

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27
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RIGHT ANGLE RETENTION FIT AND THROUGH HOLE SHELL PCB FOOT PRINT

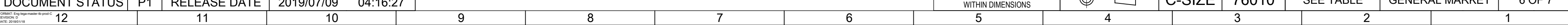


CIRCUIT SIZE	CONNECTOR PEG TO PEG		
	DIM 'A'	DIM 'B'	DIM 'C'
26	12.00	13.80	16.80
36	16.00	17.80	20.80
50	21.60	23.40	25.40
68	28.80	30.60	32.60

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DIMENSION UNITS		SCALE		CURRENT REV DESC:							
MM		5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex I-PASS SHELL RIGHT ANGLE INTERNAL CABLE PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-76010-001 DOC TYPE PSD DOC PART 001 REVISION D							
MM		INCH									
4 PLACES	±		±								
3 PLACES	±	0.13	±								
2 PLACES	±	0.13	±								
1 PLACE	±	0.25	±								
0 PLACES	±		±								
ANGULAR TOL ± 0.5 °				EC NO: 620216 DRWN: AKUMAR19 2018/06/21 CHK'D: GGA 2019/07/09 APPR: GGA 2019/07/09 INITIAL REVISION: DRWN: JLSWENSON 2006/02/16 APPR: MBANAKIS 2006/02/16							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		76010		SEE TABLE		GENERAL MARKET	
										5 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27				WITHIN DIMENSIONS		C-SIZE	70010	SEE TABLE	GENERAL MARKET	0 of 7
ORBIT: Eng-aga-master-d-prod-C VERSION: 0 DATE: 2018/01/18	12	11	10	9	8	7	6	5	4	3	2	1		



DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27				WITHIN DIMENSIONS		C-SIZE	70010	SEE TABLE	GENERAL MARKET	0 of 7
ORBIT: Eng-aga-master-d-prod-C VERSION: 0 DATE: 2018/01/18	12	11	10	9	8	7	6	5	4	3	2	1		

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27				WITHIN DIMENSIONS		C-SIZE	70010	SEE TABLE	GENERAL MARKET	0 of 7
ORBIT: Eng-aga-master-d-prod-C VERSION: 0 DATE: 2018/01/18	12	11	10	9	8	7	6	5	4	3	2	1		

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27				WITHIN DIMENSIONS		C-SIZE	70010	SEE TABLE	GENERAL MARKET	0 of 7
ORBIT: Eng-aga-master-d-prod-C VERSION: 0 DATE: 2018/01/18	12	11	10	9	8	7	6	5	4	3	2	1		

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27				WITHIN DIMENSIONS		C-SIZE	70010	SEE TABLE	GENERAL MARKET	0 of 7
ORBIT: Eng-aga-master-d-prod-C VERSION: 0 DATE: 2018/01/18	12	11	10	9	8	7	6	5	4	3	2	1		

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27				WITHIN DIMENSIONS		C-SIZE	70010	SEE TABLE	GENERAL MARKET	0 of 7
ORBIT: Eng-aga-master-d-prod-C VERSION: 0 DATE: 2018/01/18	12	11	10	9	8	7	6	5	4	3	2	1		

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27				WITHIN DIMENSIONS		C-SIZE	70010	SEE TABLE	GENERAL MARKET	0 of 7
ORBIT: Eng-aga-master-d-prod-C VERSION: 0 DATE: 2018/01/18	12	11	10	9	8	7	6	5	4	3	2	1		

12

11

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9

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7

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5

4

3

2

1

H

G

F

E

D

C

B

A

RIGHT ANGLE SHELL
PCB FOOT PRINT DESCRIPTIONS

CONNECTOR FOOT PRINT

FOR DETAILS ON CONNECTOR
FOOT PRINT, SEE SALES DRAWING
SD-75586-001

CONNECTOR FOOT PRINT
EXPOSED TRACES/ VIAS ALLOWED

HOUSING LOCATOR PEG HOLE

HOUSING LOCATOR PEG HOLE

NO EXPOSED TRACES
NO EXPOSED VIAS
AREA MUST BE CLEAR OF
ANY OBSTRUCTIONS THAT
WOULD IMPEDE MATING OF
THE PLUG TO THE SHELL
OR RECEPTACLE

36 CIRCUIT SHOWN

SHELL FOOT PRINT

FRONT EDGE OF PCB

SHELL FOOT PRINT

NOTE: IF RECEPTACLE AND SHELL
ARE NOT PLACED AT EDGE
OF PCB AS SHOWN, ADDITIONAL
CLEARANCE IS NEEDED FOR
BODY OF PLUG AND CABLE

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DIMENSION UNITS

MM

SCALE

5:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

0.13

±

2 PLACES

±

0.13

±

1 PLACE

±

0.25

±

0 PLACES

±

±

ANGULAR TOL

±

0.5 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 620216

DRWN: AKUMAR19

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: JLSWENSON

APPR: MBANAKIS

2018/06/21

2019/07/09

2019/07/09

2006/02/16

2006/02/16

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

76010

DOCUMENT NUMBER

SD-76010-001

DOC TYPE

PSD

DOC PART

001

REVISION

D

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

7 OF 7

molex

I-PASS SHELL
RIGHT ANGLE INTERNAL CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2019/07/09

04:16:27

12

11

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FORMATT: Eng-High-Master-to-print-C

REVISION: D

DATE: 2019/07/16

12

11

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12 11 10 9 8 7 6 5 4 3 2 1

RIGHT ANGLE SHELL PCB FOOT PRINT DESCRIPTIONS

FOR DETAILS ON CONNECTOR FOOT PRINT, SEE SALES DRAWING SD-75586-001

CONNECTOR FOOT PRINT

CONNECTOR FOOT PRINT EXPOSED TRACES/ VIAS ALLOWED

HOUSING LOCATOR PEG HOLE

HOUSING LOCATOR PEG HOLE

NO EXPOSED TRACES

NO EXPOSED VIAS

AREA MUST BE CLEAR OF ANY OBSTRUCTIONS THAT WOULD IMPEDE MATING OF THE PLUG TO THE SHELL OR RECEPTACLE

SHELL FOOT PRINT

FRONT EDGE OF PCB

SHELL FOOT PRINT

36 CIRCUIT SHOWN

NOTE: IF RECEPTACLE AND SHELL ARE NOT PLACED AT EDGE OF PCB AS SHOWN, ADDITIONAL CLEARANCE IS NEEDED FOR BODY OF PLUG AND CABLE

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex		
MM		5:1		EC NO: 620216 DRWN: AKUMAR19 2018/06/21 CHK'D: GGA 2019/07/09 APPR: GGA 2019/07/09 INITIAL REVISION: DRWN: JLSWENSON 2006/02/16 APPR: MBANAKIS 2006/02/16				I-PASS SHELL RIGHT ANGLE INTERNAL CABLE		
GENERAL TOLERANCES (UNLESS SPECIFIED)								PRODUCT CUSTOMER DRAWING		
	MM	INCH								
4 PLACES	±		±							
3 PLACES	±	0.13	±							
2 PLACES	±	0.13	±							
1 PLACE	±	0.25	±							
0 PLACES	±		±							
ANGULAR TOL		± 0.5 °		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		76010	SEE TABLE	GENERAL MARKET	7 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	04:16:27							
12	11	10	9	8	7	6	5	4	3	2	1

FORMATT: Eng-High-Master-to-print-C
REVISION: D
DATE: 2018/01/18

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

76010-5310