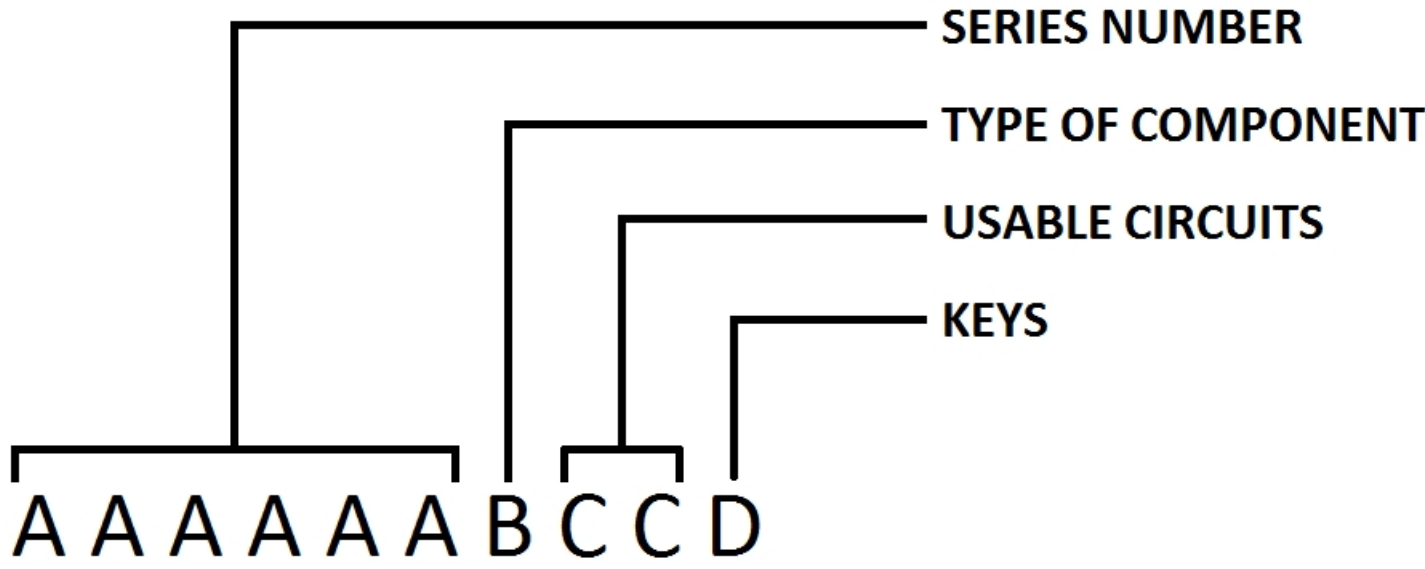
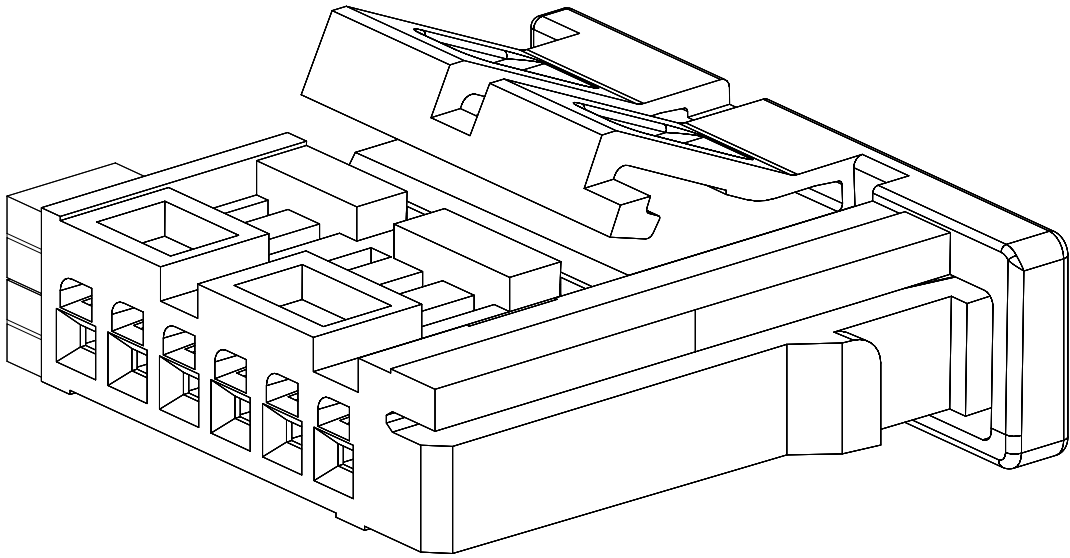
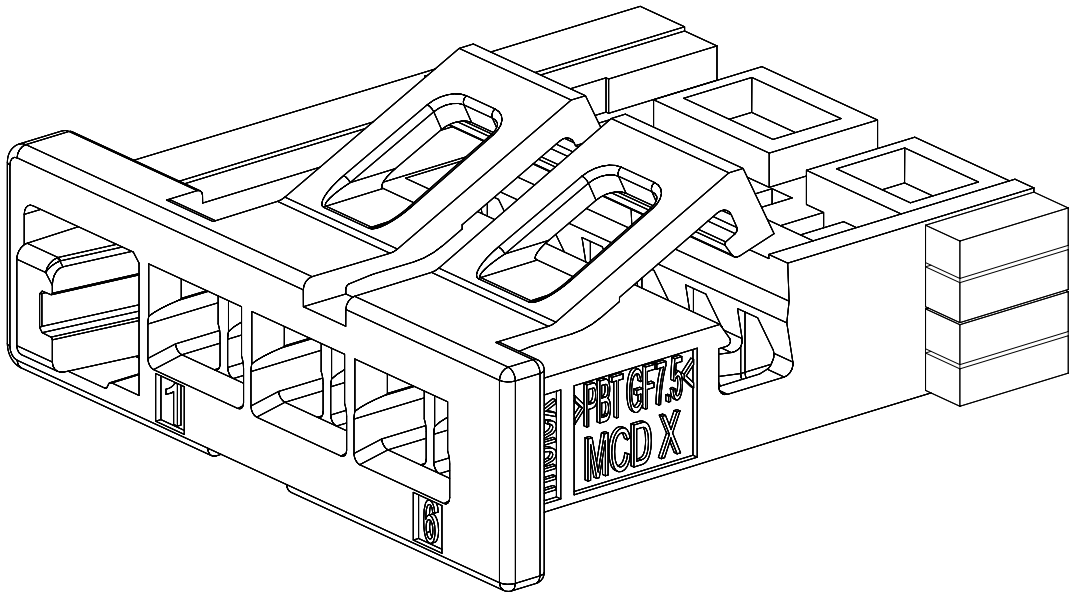




EXAMPLE:
PN 2058272081
205827 - SERIES NUMBER: SINGLE ROW RECEPTACLE
2 - TYPE OF COMPONENT: STANDARD MATL RECPT
06 - 06 USABLE CIRCUITS
1 - KEY A

FINAL PART: 06CKT SINGLE ROW RECEPTACLE - KEY A

6 WAY RECEPTACLE SHOWN



NOTES

- VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
- 1.1 APPLICATION SPECIFICATION SEE: 2046310000-AS
 - 1.2 PRODUCT SPECIFICATION SEE: 2046310000-PS
 - 1.3 PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-538
 - 1.4 COMPATIBLE WITH STANDARD AK INTERFACE TO DRAWING C-114-94000-20 REV B1
 - 1.5 COMPATIBLE WITH MOLEX AK INTERFACE 2046310001
2. DESIGN - MATERIALS:
- 2.1 RECEPTACLE HOUSING:
- a. MATERIAL: PBT-GF7.5%
 - b. COLOR: SEE PART TABLE
3. DESIGN - GEOMETRY:
- 3.1 GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - 3.2 EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - 3.3 CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - 3.4 MARKED TEXT TO INCLUDE: RECYCLING CODE, CAVITY ID, AND VENDOR IDENTIFICATION.

INTERFACE	INTERFACE CKT SIZE	DIM A	DIM B	KEY	COLOR	RECEPTACLE P/N	WEIGHT (g)	PART STATUS
	2	10.40	7.75	A	BLACK	2058272021	0.41	AVAILABLE
				B	NATURAL	2058272022	0.41	
				C	BLUE	2058272023	0.41	
				D	VIOLET	2058272024	0.41	
	3	12.20	9.55	A	BLACK	2058272031	0.51	AVAILABLE
				B	NATURAL	2058272032	0.51	
				C	BLUE	2058272033	0.51	
				D	VIOLET	2058272034	0.51	
	4	14.00	11.35	A	BLACK	2058272041	0.60	AVAILABLE
				B	NATURAL	2058272042	0.60	
				C	BLUE	2058272043	0.60	
				D	VIOLET	2058272044	0.60	
	5	15.80	13.15	A	BLACK	2058272051	0.69	AVAILABLE
				B	NATURAL	2058272052	0.69	
				C	BLUE	2058272053	0.69	
				D	VIOLET	2058272054	0.69	
	6	17.60	14.95	A	BLACK	2058272061	0.78	AVAILABLE
				B	NATURAL	2058272062	0.78	
				C	BLUE	2058272063	0.78	
				D	VIOLET	2058272064	0.78	
	7	19.40	16.75	A	BLACK	2058272071	-	INQUIRE FOR AVAILABILITY
				B	NATURAL	2058272072	-	
				C	BLUE	2058272073	-	
				D	VIOLET	2058272074	-	
	8	21.20	18.55	A	BLACK	2058272081	-	INQUIRE FOR AVAILABILITY
				B	NATURAL	2058272082	-	
				C	BLUE	2058272083	-	
				D	VIOLET	2058272084	-	
	9	23.00	20.35	A	BLACK	2058272091	-	INQUIRE FOR AVAILABILITY
				B	NATURAL	2058272092	-	
				C	BLUE	2058272093	-	
				D	VIOLET	2058272094	-	
	10	24.80	22.15	A	BLACK	2058272101	-	INQUIRE FOR AVAILABILITY
				B	NATURAL	2058272102	-	
				C	BLUE	2058272103	-	
				D	VIOLET	2058272104	-	
	11	26.60	23.95	A	BLACK	2058272111	-	INQUIRE FOR AVAILABILITY
				B	NATURAL	2058272112	-	
				C	BLUE	2058272113	-	
				D	VIOLET	2058272114	-	

INSPECION BALLOON NUMBER LOG

PER DRAWING REVISION: A4

LAST BALLOON USED: 17

ADDED BALLOON NUMBERS:

REMOVED BALLOON NUMBERS:

A4

A3

A2

A1

A

REV

REMOVED PREVIOUS NOTE 1.4 & 1.5; CORRECTED DRAWING REVISION IN NOTE 1.4; ADDED NOTE 1.5; REMOVED KEY Z; UPDATED SCALE OF SHEET 2

CHANGED POL B COLOR FROM GRAY TO NATURAL

CHANGED DIM A DIMENSIONS

ADDED DIMENSION BALLOONS
UPDATED TOERLANCE FOR DIM 3

INITIAL RELEASE

DESCRIPTION

FUNCTIONAL SYMBOLS

FA

=

0

FC

=

0

FP

=

0

DIVISIONAL SYMBOLS

DIMENSION UNITS

MM

SCALE

6:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

STATUS: Production

DRWN: Evan Colarusso

CHK'D: Skyler Russ

APPR: Jeremy Dunaj

2022-05-27

2025-02-11

2025-02-11

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

CURRENT REV DESC: Weight Column added to BOM Table

THIRD ANGLE PROJECTION

D-DRAWING

205827

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SEE TABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

2058270002

DOC TYPE

PSD

DOC PART

000

REVISION

A4

MATERIAL NUMBER

GENERAL MARKET

SHEET NUMBER

1 OF 2

19

18

17

16

15

14

13

12

11

10

9

8

7

6

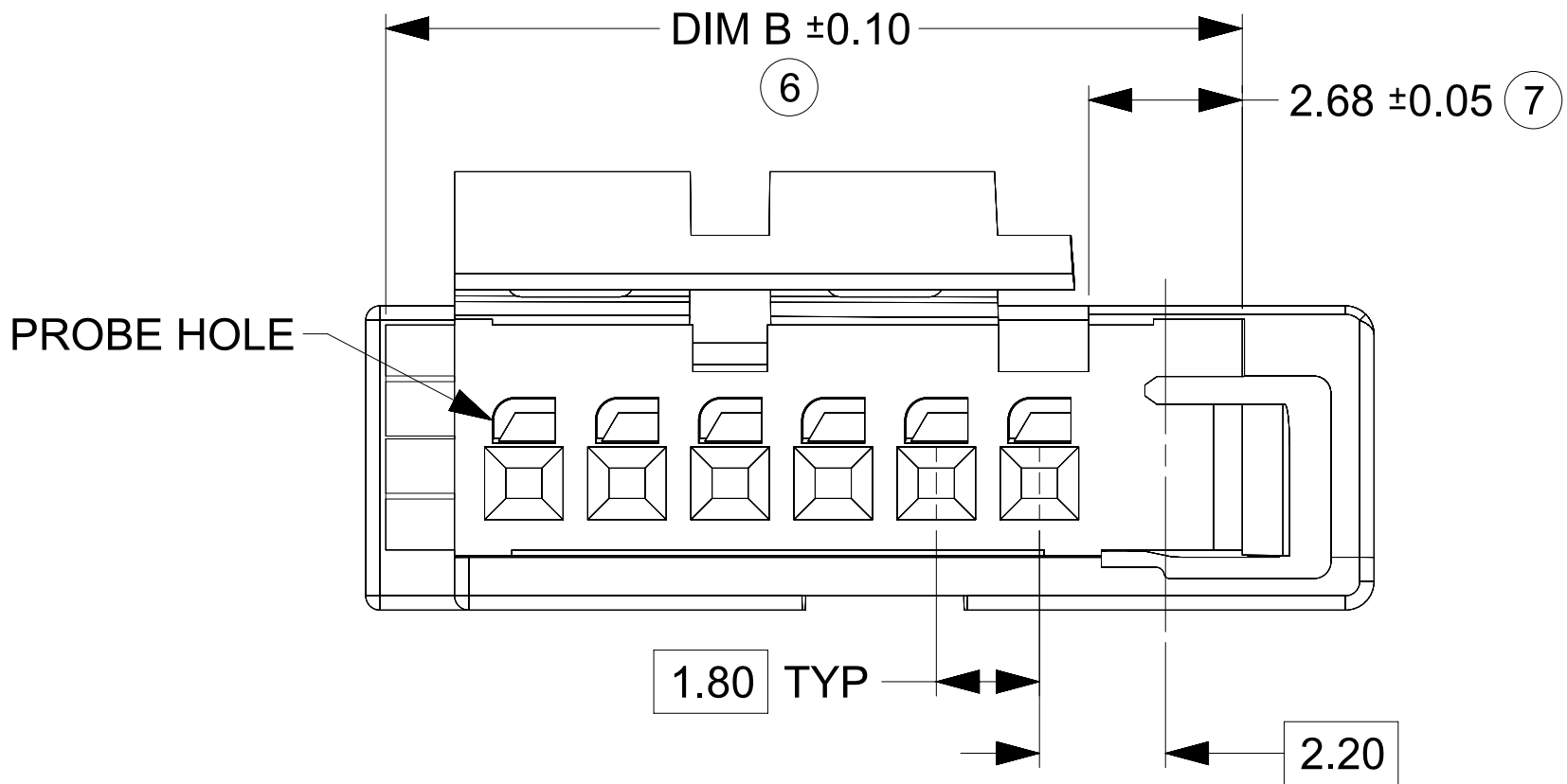
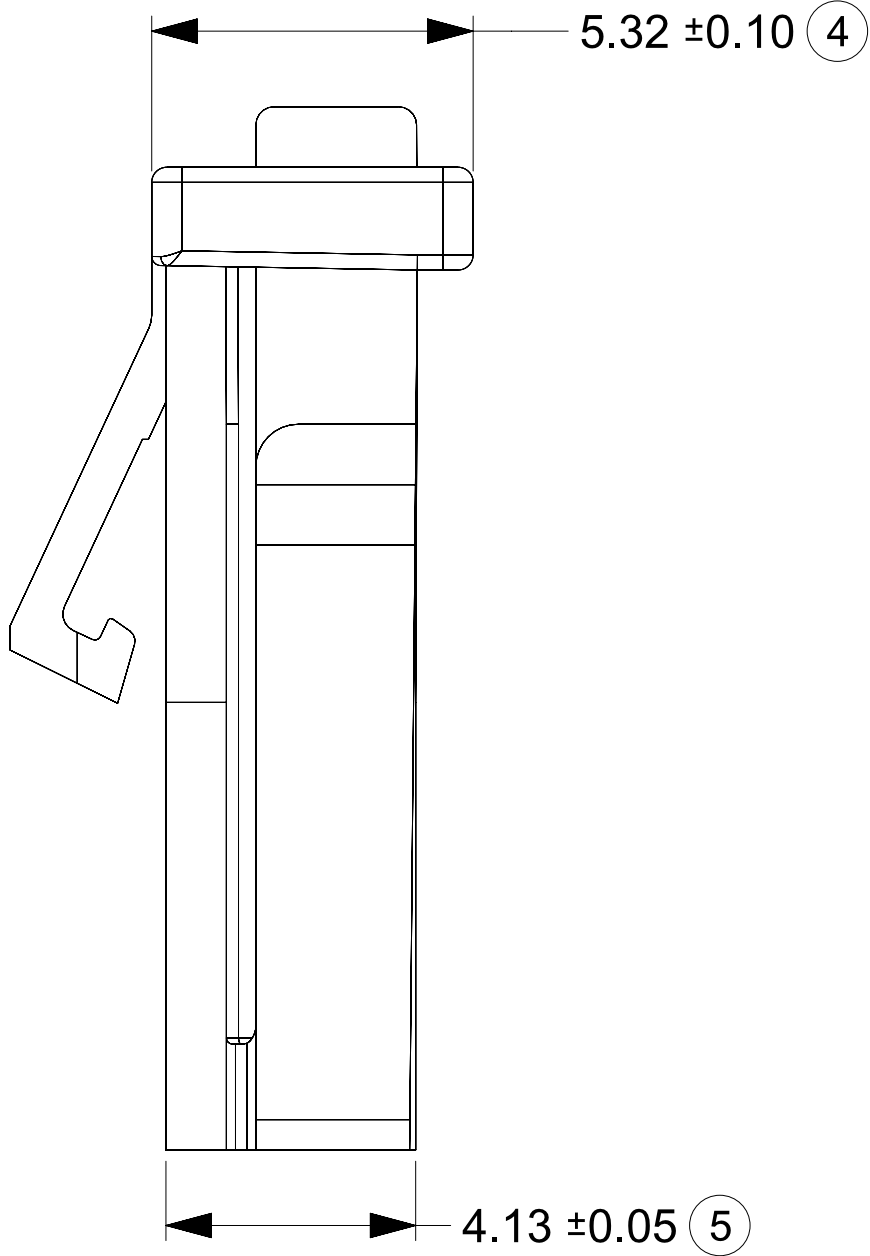
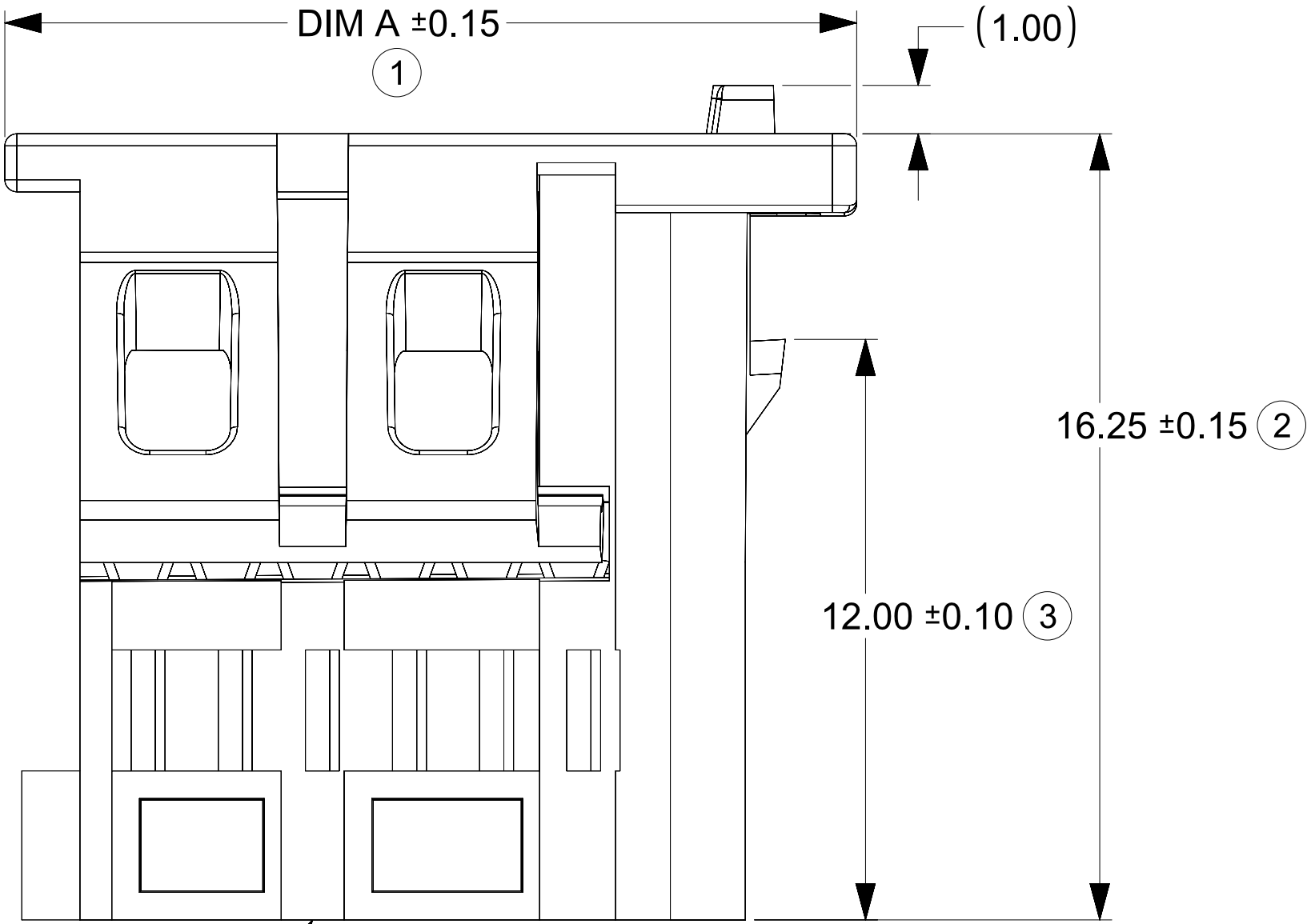
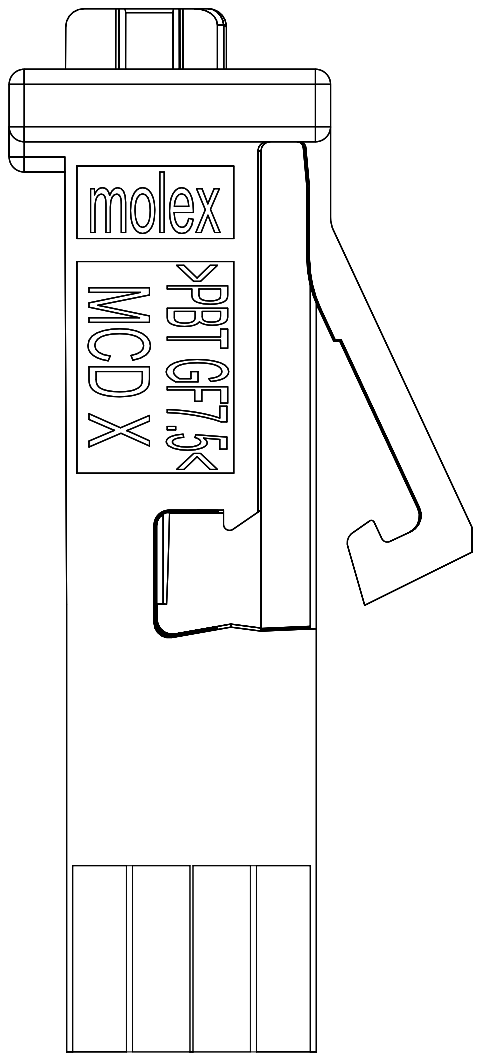
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4

3

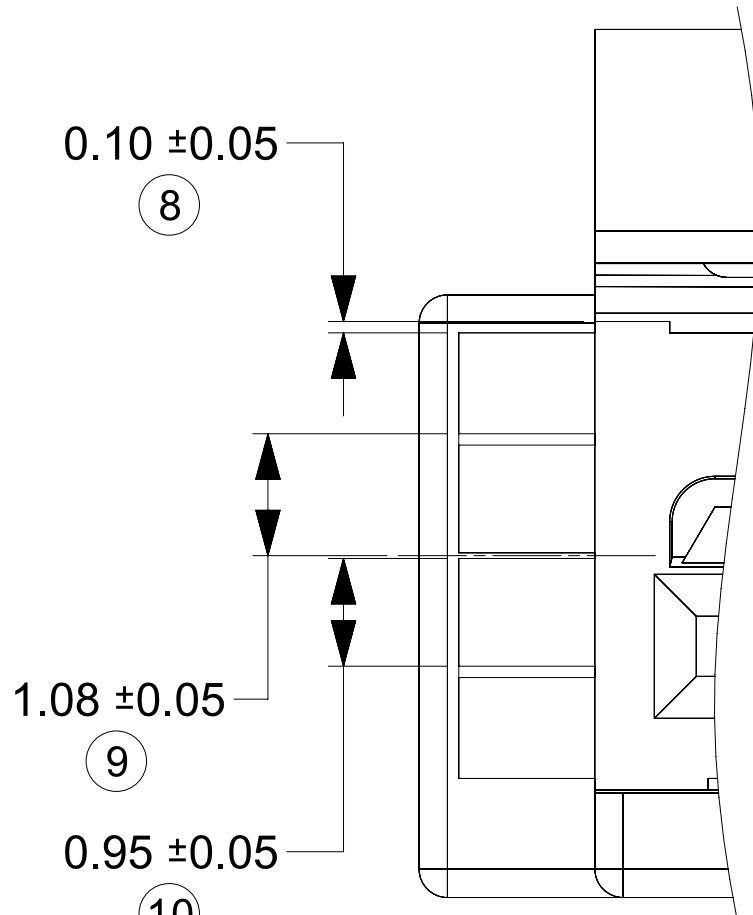
2

1

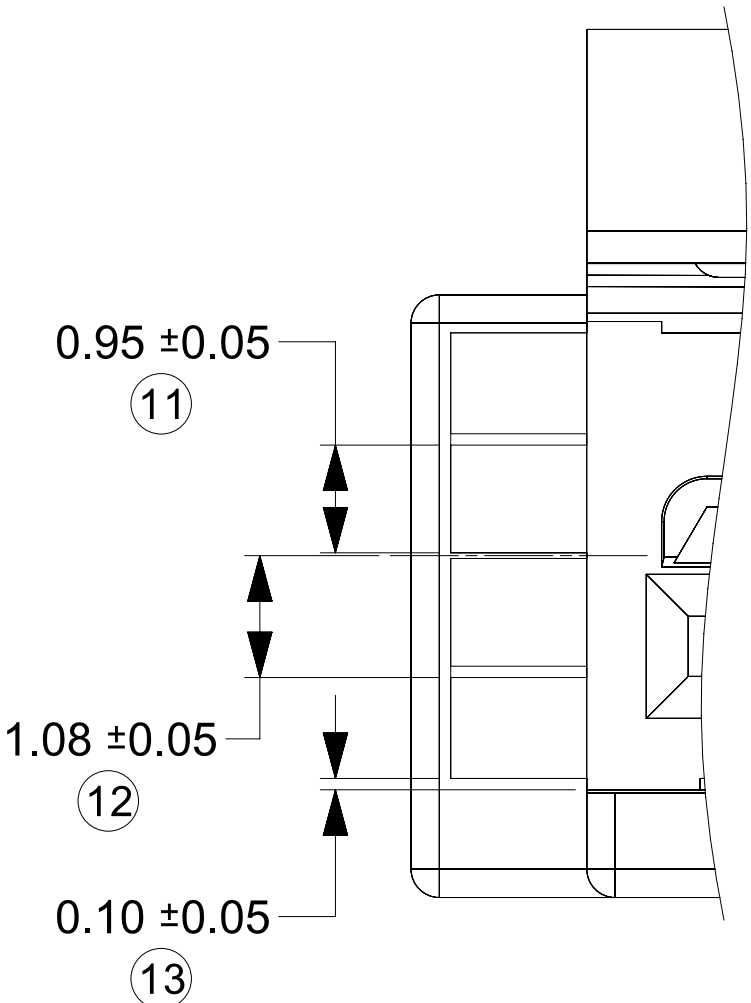


KEYING OPTIONS

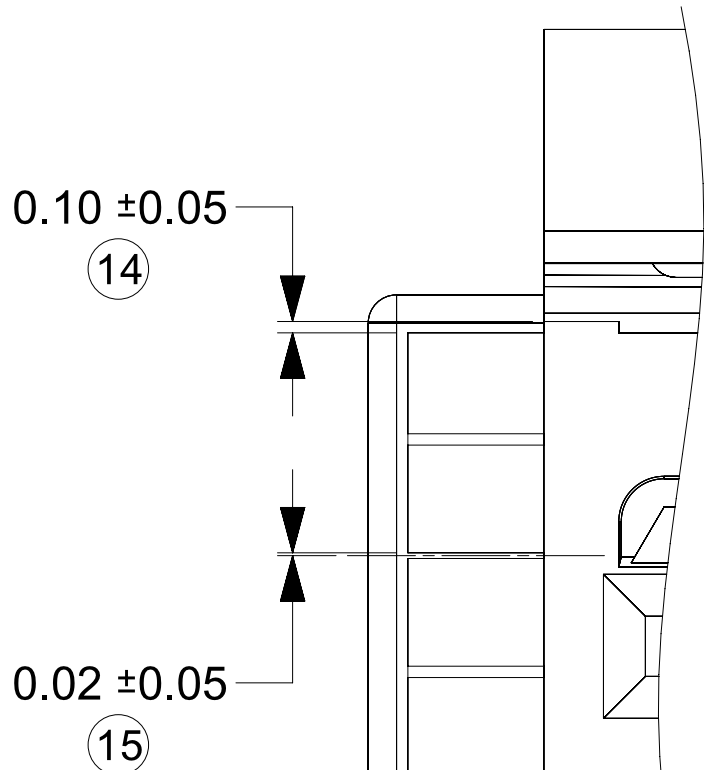
KEY A (BLACK)



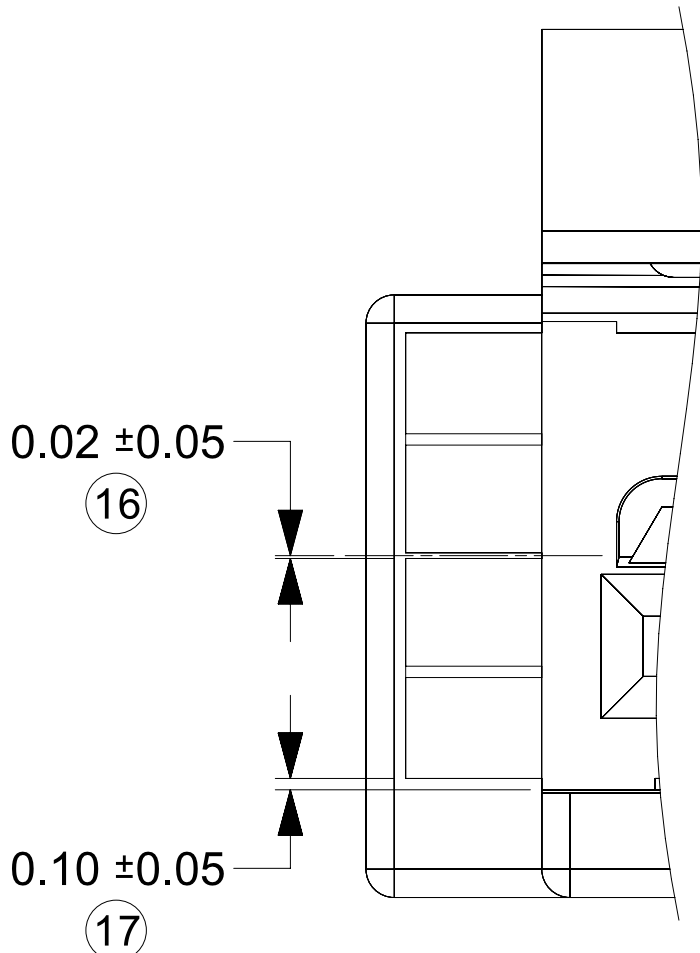
KEY B (GREY)



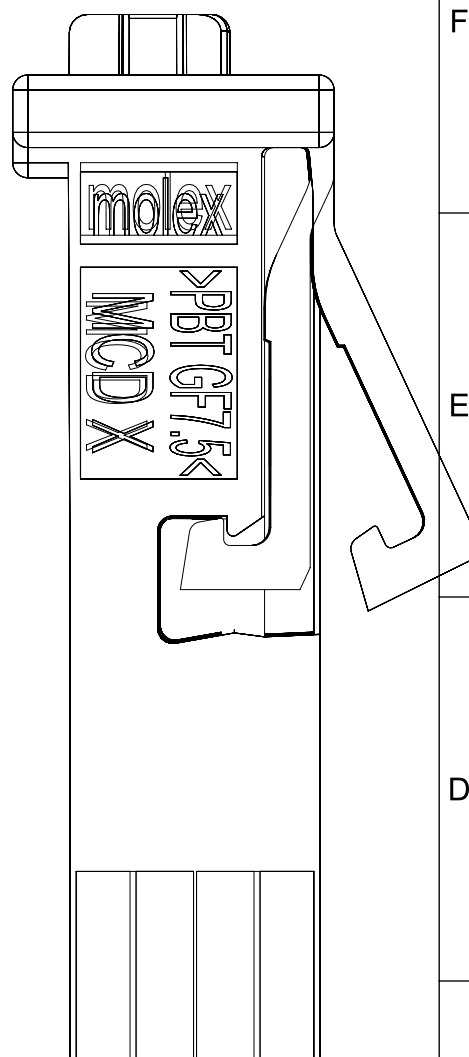
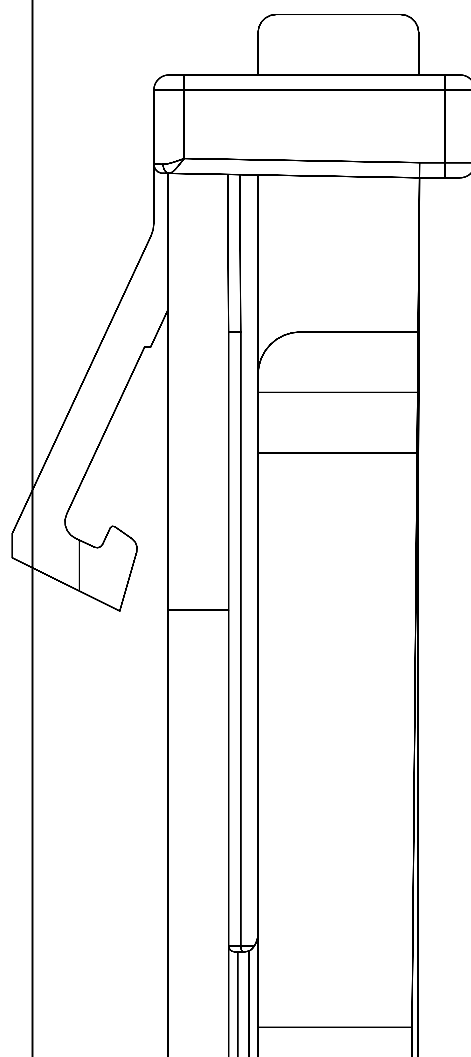
KEY C (BLUE)



KEY D (VIOLET)



ISL IN FINAL LOCK



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: Weight Column added to BOM Table			molex				
	MM		8:1									
	F A = 0							CONNTAK50 SR TNG RECEPTACLE SALES DWG				
	F C = 0											
	F P = 0											
	GENERAL TOLERANCES (UNLESS SPECIFIED)		PRODUCT CUSTOMER DRAWING									
	ANGULAR TOL ± 0.5°											
	4 PLACES ±											
3 PLACES ±												
2 PLACES ±												
1 PLACE ±		STATUS: Production DRWN: Evan Colarusso 2022-05-27 CHK'D: Skyler Russ 2025-02-11 APPR: Jeremy Dunaj 2025-02-11			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES ±					2058270002		PSD	000	A4			
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					D-SIZE	205827	SEE TABLE		GENERAL MARKET		2 OF 2	