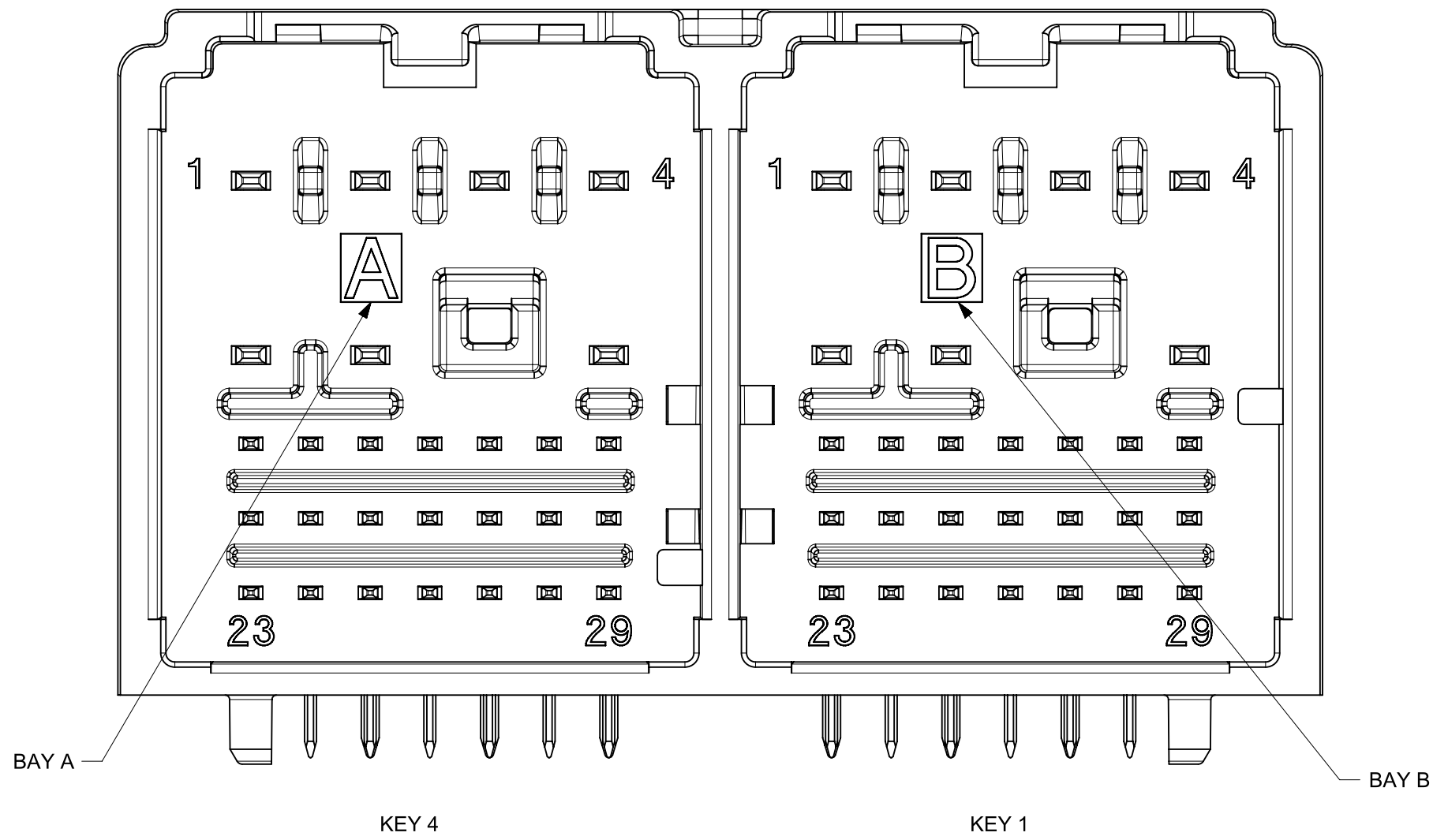
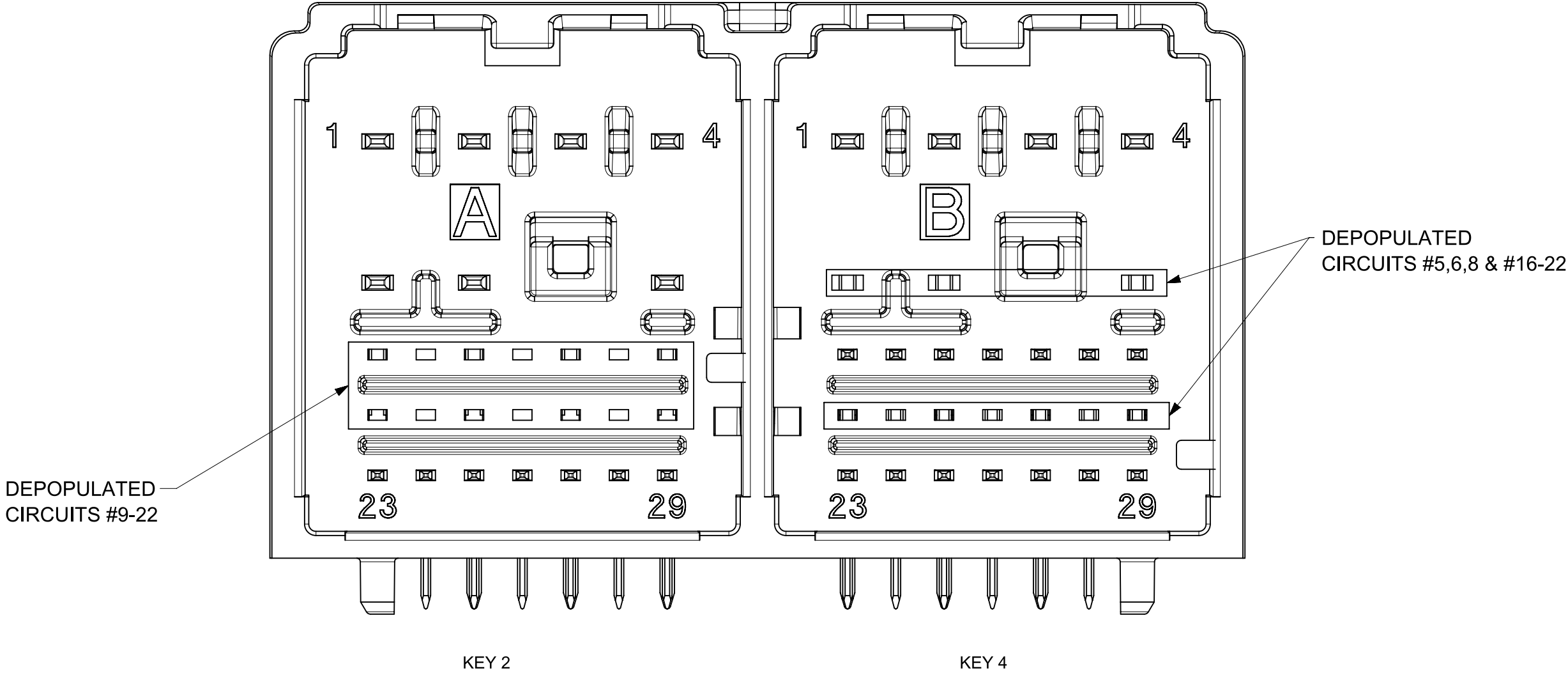


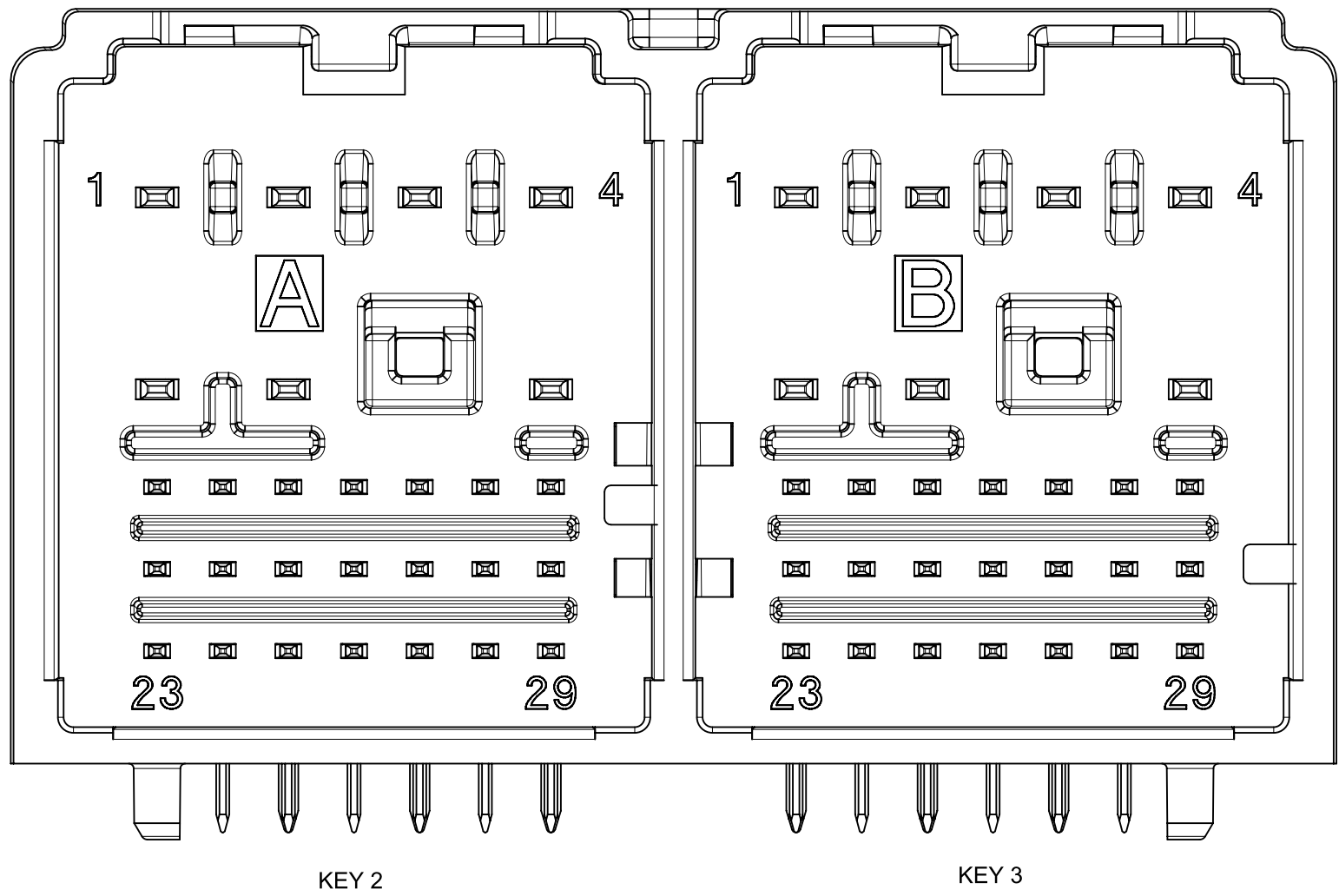


160013X641
1600133741
1600133841
1600134141
1600134641
1600133941



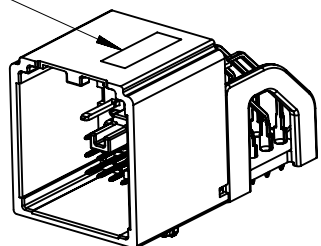
DEPOPULATED
CIRCUITS #9-22

1600131624 (DEPOPULATED AS SHOWN)
1600133624 (USES FULL POPULATION)
1600133724 (USES FULL POPULATION)
1600133824 (USES FULL POPULATION)



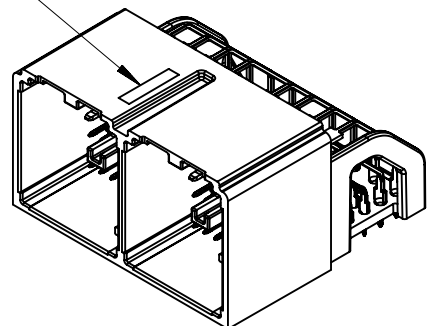
160013X623

SEE NOTE 4.B.

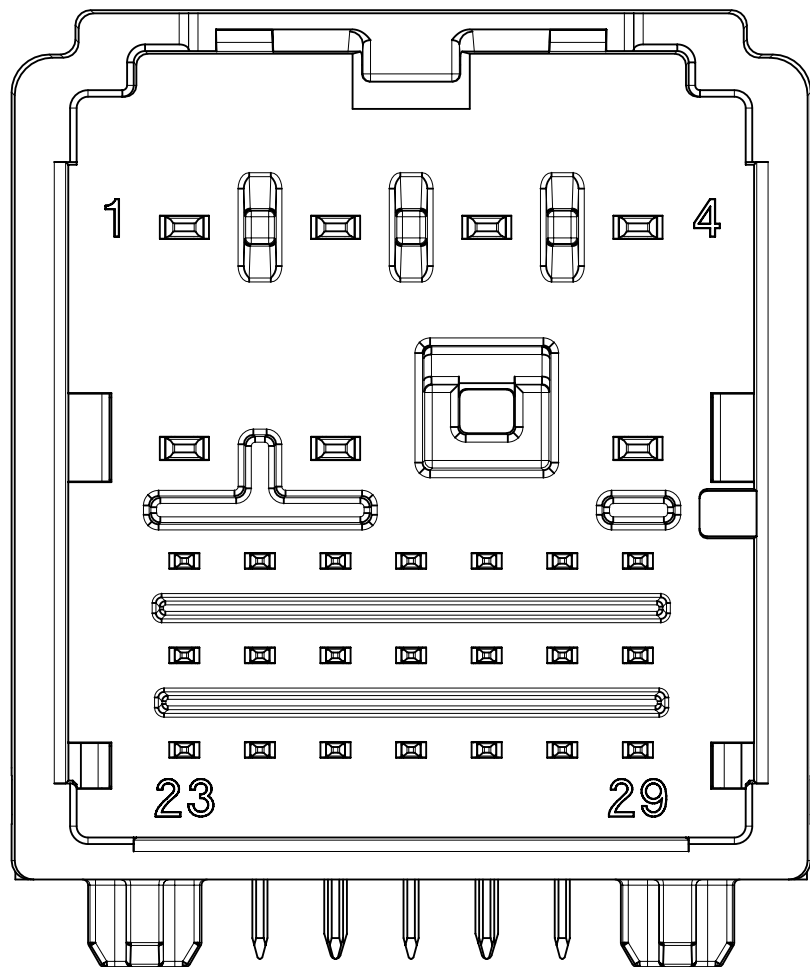


Gen1
SCALE 1:1

SEE NOTE 4.B.



Iso1
SCALE 1:1



SINGLE BAY
HEADER OPTION
28WAY INTERFACE
KEYS 1, 2, 3, 4

SEE SHEET 3 FOR
SINGLE-BAY SPECIFIC
DIMENSIONS

1600136601(SHOWN)
1600136602
1600136603
1600136604

NOTES: VALID UNLESS OTHERWISE SPECIFIED

- GENERAL:
 - APPLICATION SPECIFICATION SEE: AS-160013-001
 - PRODUCT SPECIFICATION SEE: PS-160013-001
 - PACKAGING SPECIFICATION PER BOM TABLE SHEET 4
- DESIGN - MATERIALS:
 - SEE BOM TABLE
 - BLADE TERMINALS:
 - 0.5mm Blades
Base Material: Copper Alloy
Conductivity $\geq 28\%$ IACS @ 20°C
UNDERPLATING (OVERALL):
0.5 - 2.0 μm ELECTRO-DEPOSITED DUCTILE NICKEL SULFAMATE
OVERPLATING (OVERALL):
0.76 - 1.5 μm ELECTRO-DEPOSITED TIN (REFLOWED)
 - 1.2mm Blades
Base Material: Copper Alloy
Conductivity $\geq 28\%$ IACS @ 20°C
UNDERPLATING (OVERALL):
1.25 - 2.25 μm ELECTRO-DEPOSITED DUCTILE NICKEL SULFAMATE
TOP PLATING:
ZONE A (CONNECTOR END):
0.76 - 1.5 μm ELECTRO-DEPOSITED TIN REFLOWED
ZONE B (PCB END);
2.5 - 4.0 μm ELECTRO-DEPOSITED MATTE TIN (NO BRIGHTENERS)
- DESIGN - GEOMETRY:
 - ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - LETTERING SHALL BE MAX POSSIBLE FOR READABILITY.
THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION
 - FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE DRAWING SD-160014-002, FOR ANY CONFLICTING DIMENSIONS OR TOLERANCES, SD-160013-0001 IS THE OVERRIDING DOCUMENT.
 - MATING HARNESS CONNECTORS MOLEX PN: 1600140001 (Key 1)
1600140002 (Key 2)
1600140003 (Key 3)
1600140004 (Key 4)
- DESIGN - MANUFACTURING:
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - HUMAN READABLE LASER MARKING
 - INFORMATION
DDYY: JULIAN DATE CODE
XXXX: 5 DIGIT SERIAL NO.
 - SIZE
HUMAN LEGIBLE
 - PIN MATE SIDE AND PCB SIDE TRUE POSITION TO BE VERIFIED ON-LINE WITH A GO/NO-GO FUNCTIONAL GAGE
 - REFLOW SOLDERABILITY PER SMES-152

A21	CHANGE 1600133941 PACKAGE TO TRAY PACK(STANDRD)-BLACK ECN#: CO-000001199 Kun Du 8/25/2022
A20	ADDED NEW PART NO.:1600133941 CHANGE 1600133741 PACKAGE TO TRAY PACK(STANDARD)
A19	RELEASED 56CKT V0 KEY 2 / KEY 4 HEADERS 1600133724 AND 1600133824 ECN#: 664151 J. PATE 05/17/2021
A18	PRODUCTION RELEASE OF V0 HEADER ASSEMBLIES ECN#: 648090 J. PATE 10/23/2020
A17	- ADDED V0 HEADER ASSEMBLIES - REMOVED OBSOLETE BOMS ENGINEERING RECORD: 636592 JPATE 04/05/2020

FUNCTIONAL SYMBOLS A = 0 C = 0 P = 0 DIVISIONAL 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: SEE REVISION SHEET				molex INFOTAINMENT HDR ASSY STAK50H SYSTEM						
	mm		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				PHASE: Design Production CO NO: CO-000001199 DRWN: Kun Du 2022-08-25 CHK'D: Ringo Hu 2022-08-30 APPR: Mike Vanslambrouck 2022-09-19								PRODUCT SALES DRAWING		
	ANGULAR TOL ± 3.0°														
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.130												
	1 PLACE		± 0.25												
	0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		160013				GENERAL MARKET		1 OF 4	



'X'=1 / 2 / 3 / 4;



molex

INFOTAINMENT HDR ASSY
STAK50H SYSTEM

PRODUCT SALES DRAWING

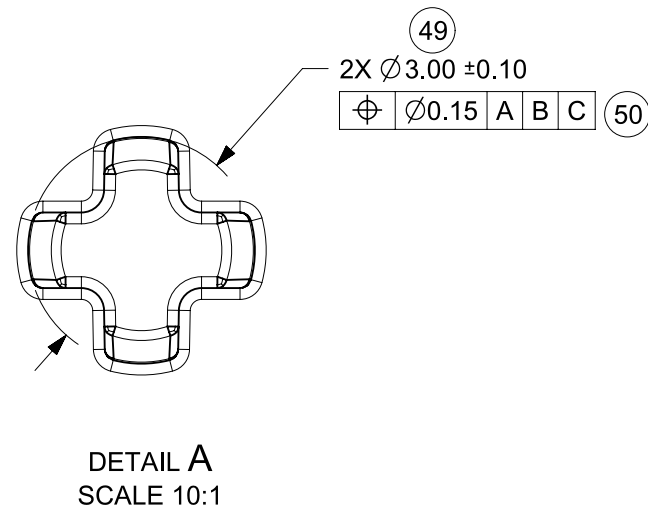
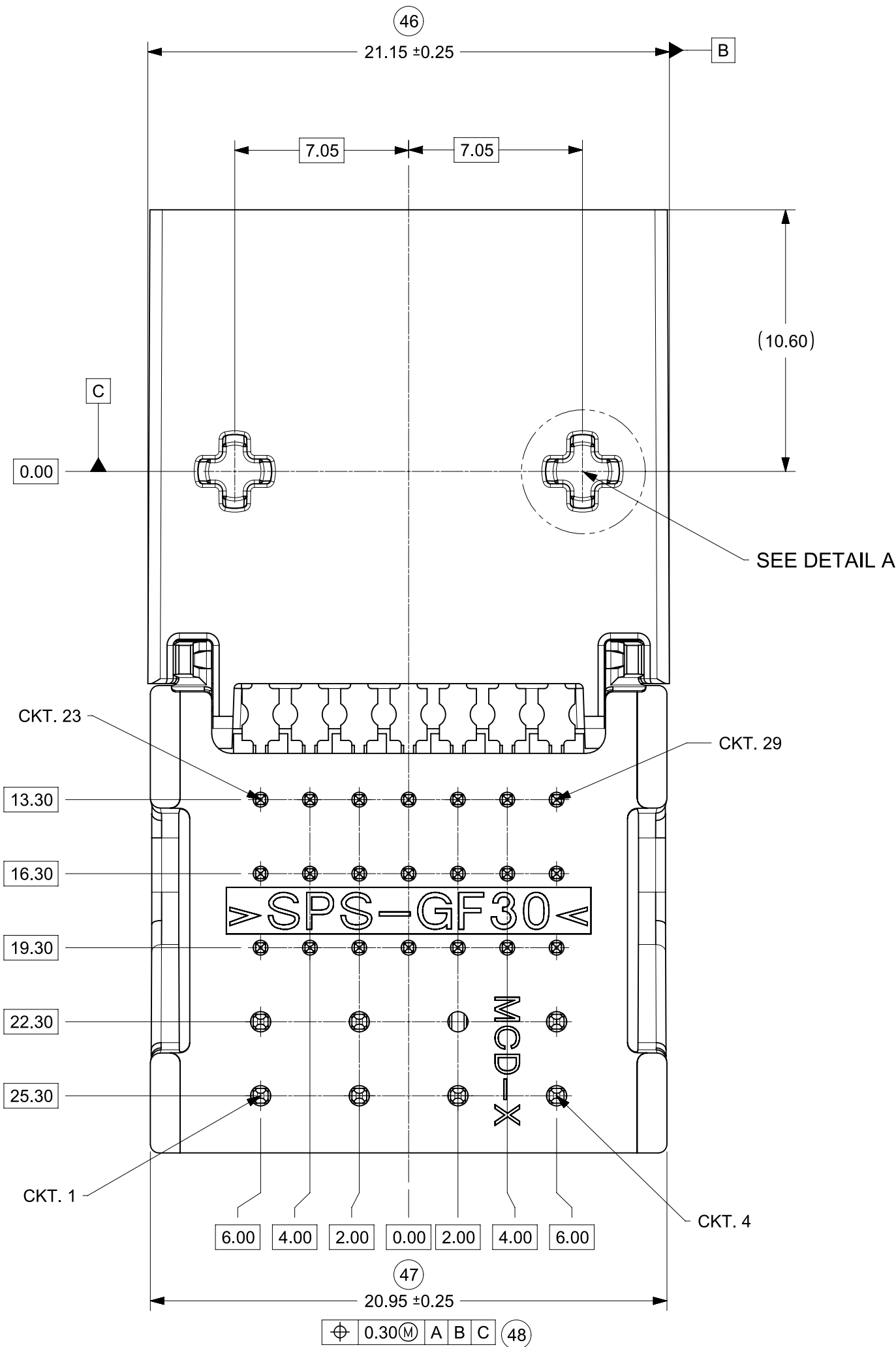
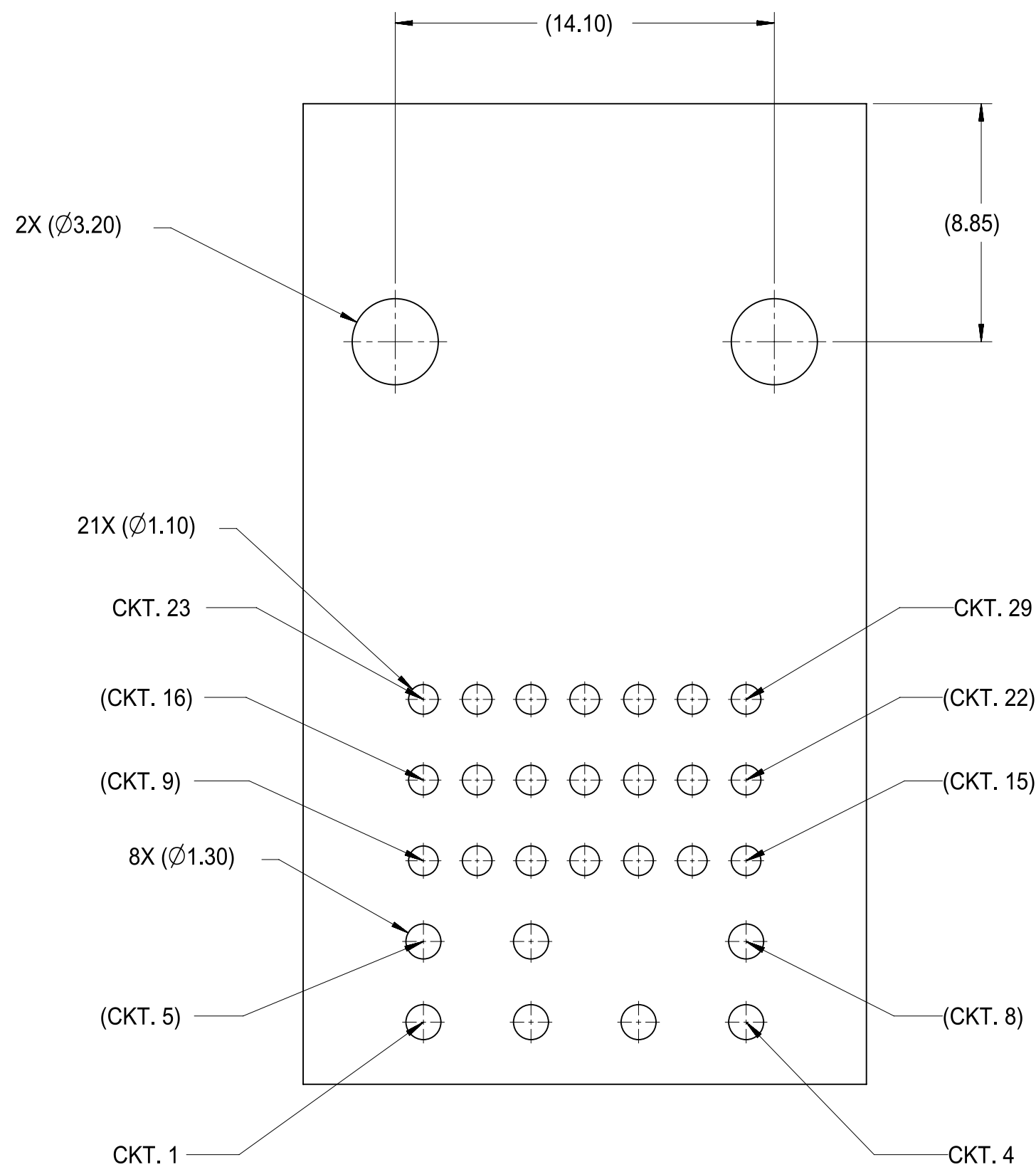
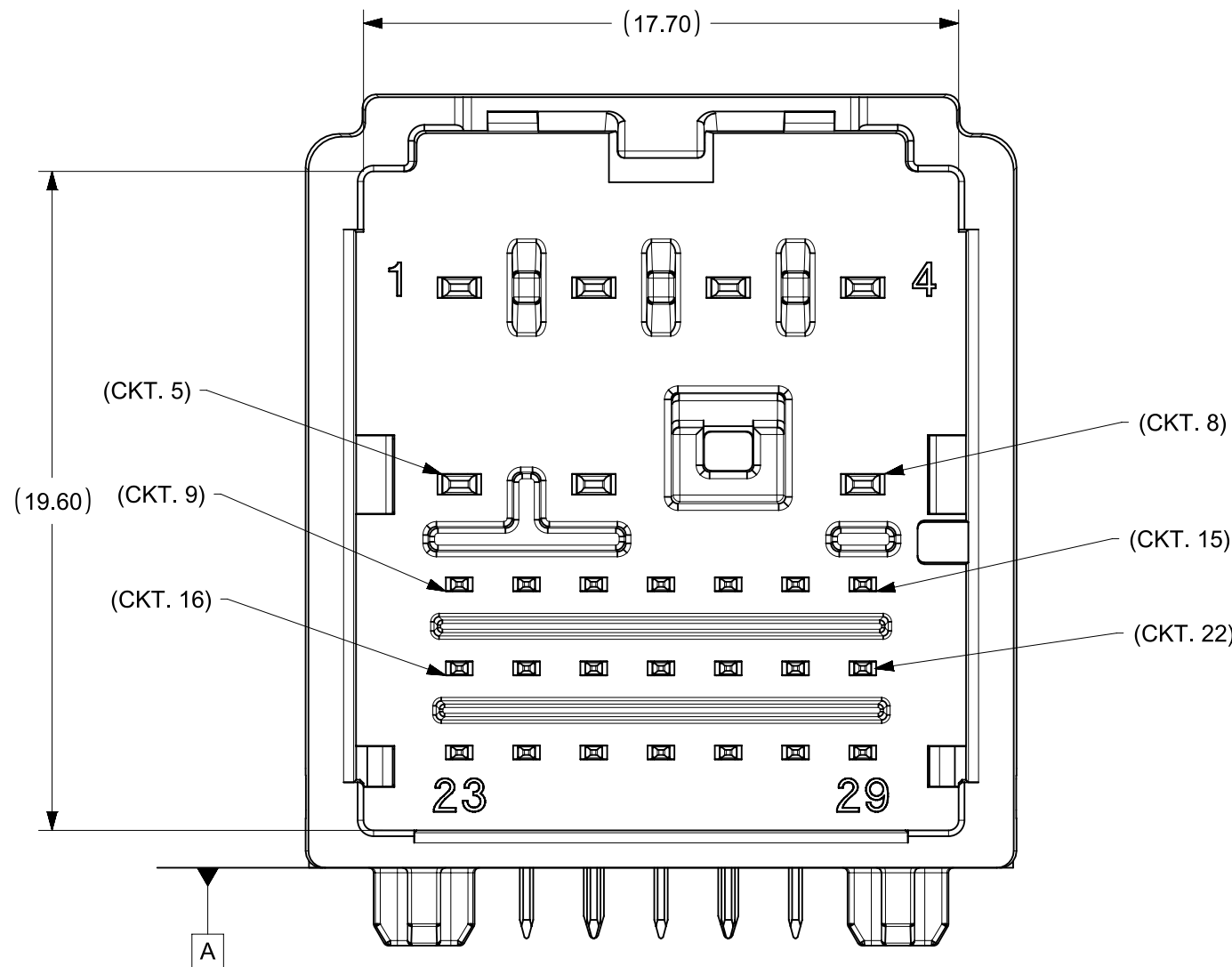
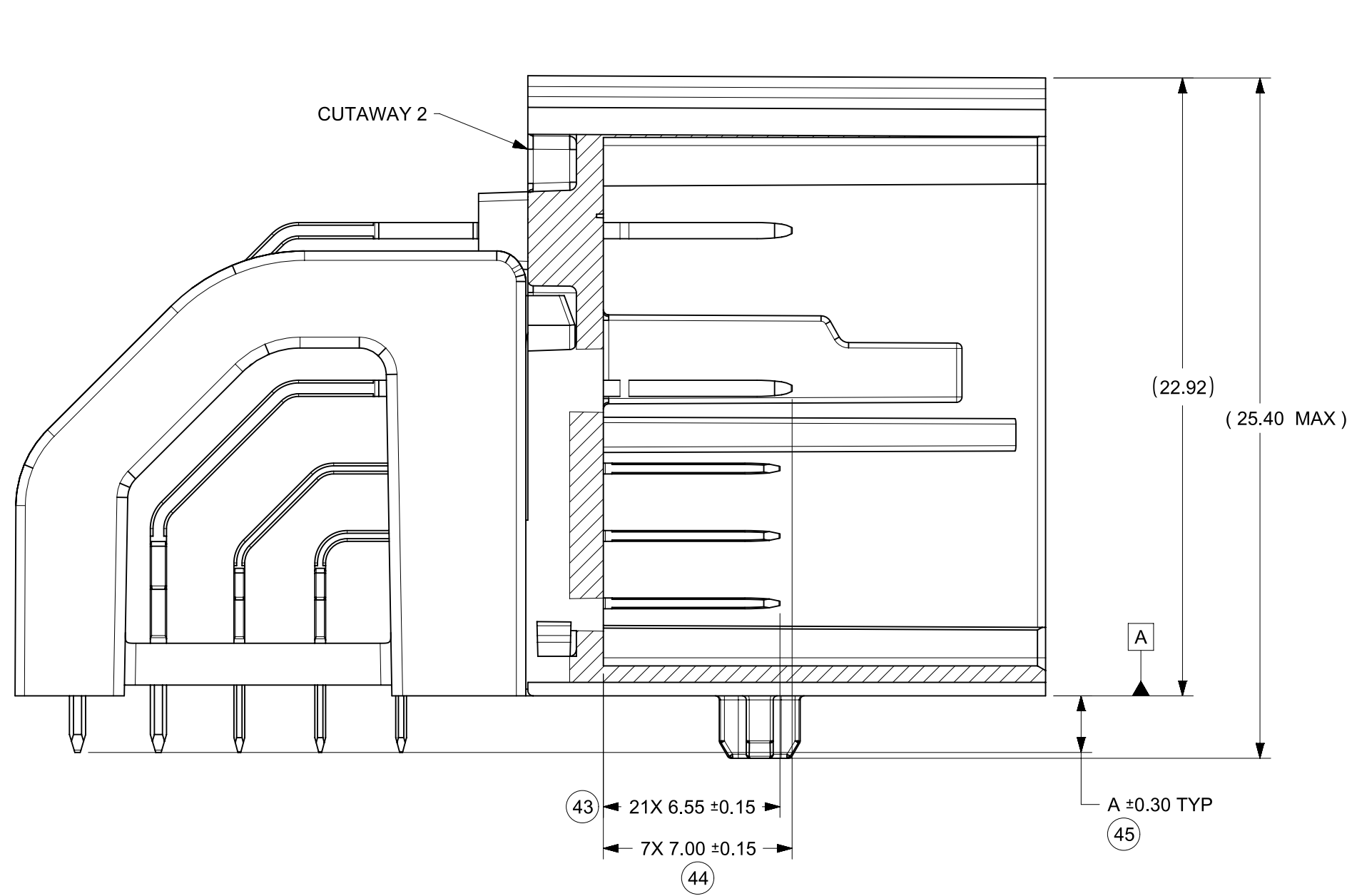
MENT NUMBER	DOC TYPE	DOC PART	REVISION
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SD-160013-0001

PSD	001	A21
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CUSTOMER

HEET NUMBER



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION SHEET					
		mm		5:1							
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				PHASE: Design Production CO NO: CO-000001199 DRWN: Kun Du 2022-08-25 CHK'D: Ringo Hu 2022-08-30 APPR: Mike Vanslambrouck 2022-09-19					
		ANGULAR TOL ± 3.0°									
		4 PLACES		±							
		3 PLACES		±							
		2 PLACES		± 0.130							
		1 PLACE		± 0.25							
		0 PLACES		±							
		INITIAL REVISION: DRWN: RFC_PLMIMP APPR:				DOCUMENT NUMBER SD-160013-0001		DOC TYPE PSD	DOC PART 001	REVISION A21	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING D-SIZE	SERIES 160013	MATERIAL NUMBER		CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 4

molex

INFOTAINMENT HDR ASSY
STAK50H SYSTEM

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-160013-0001	PSD	001	A21

