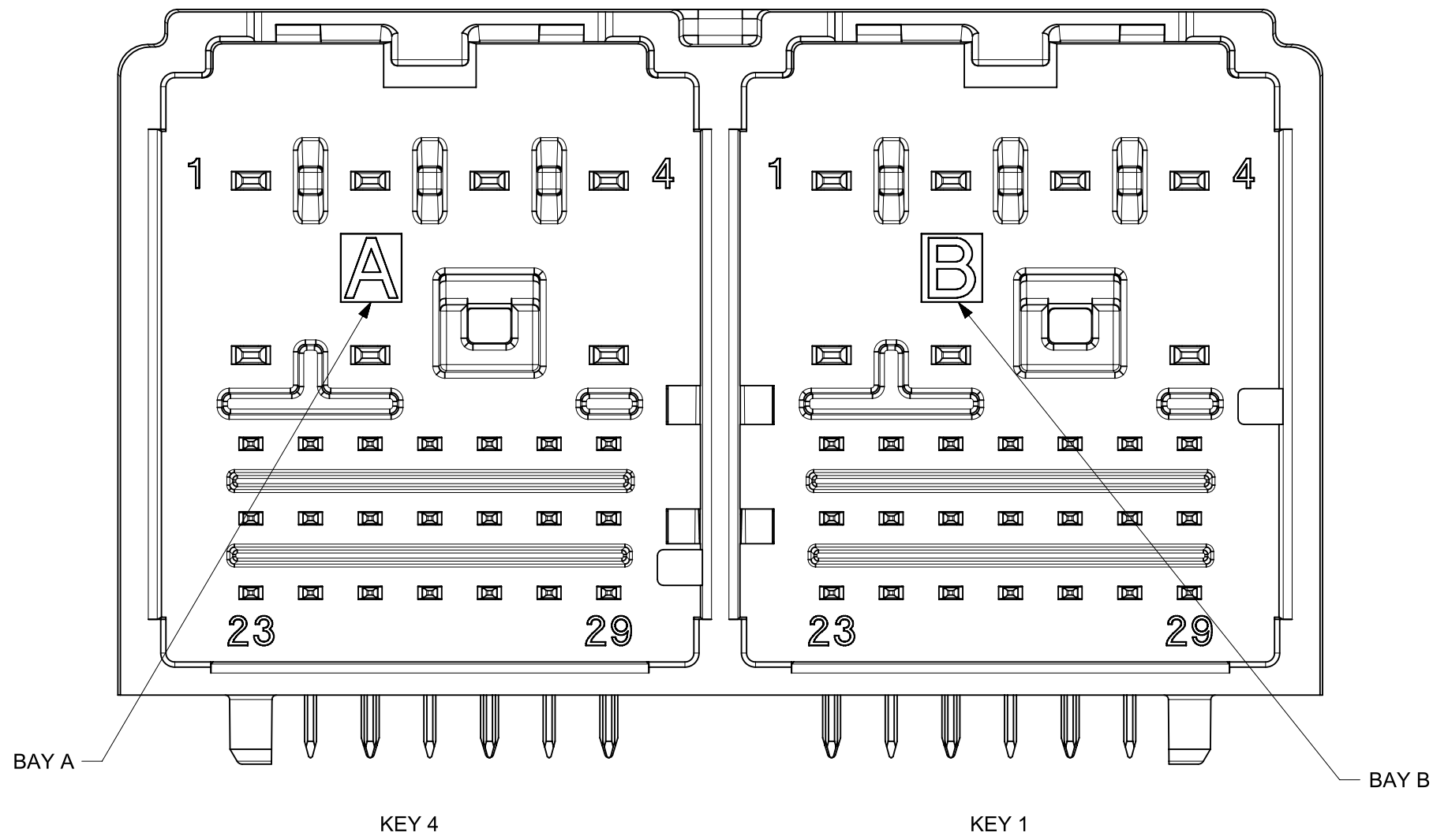
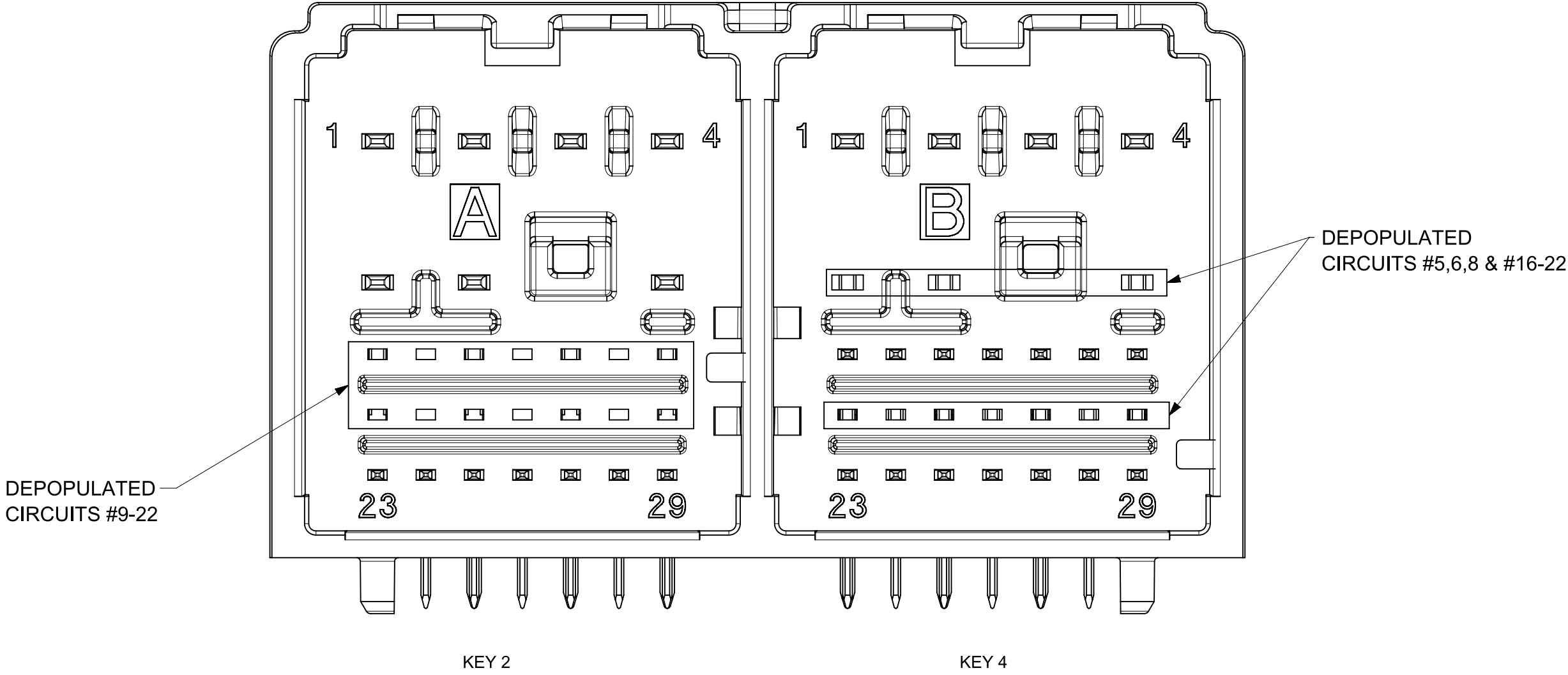
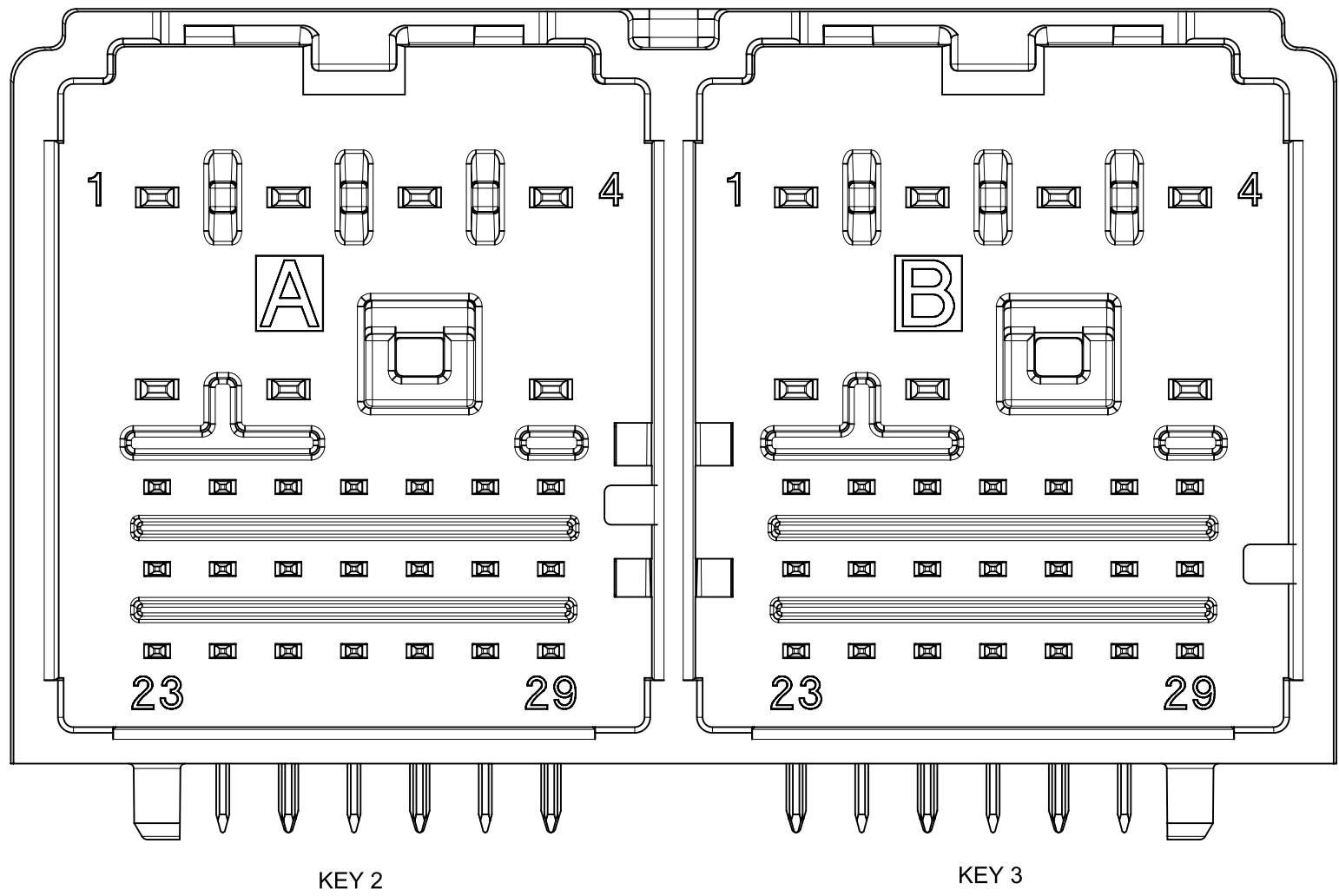




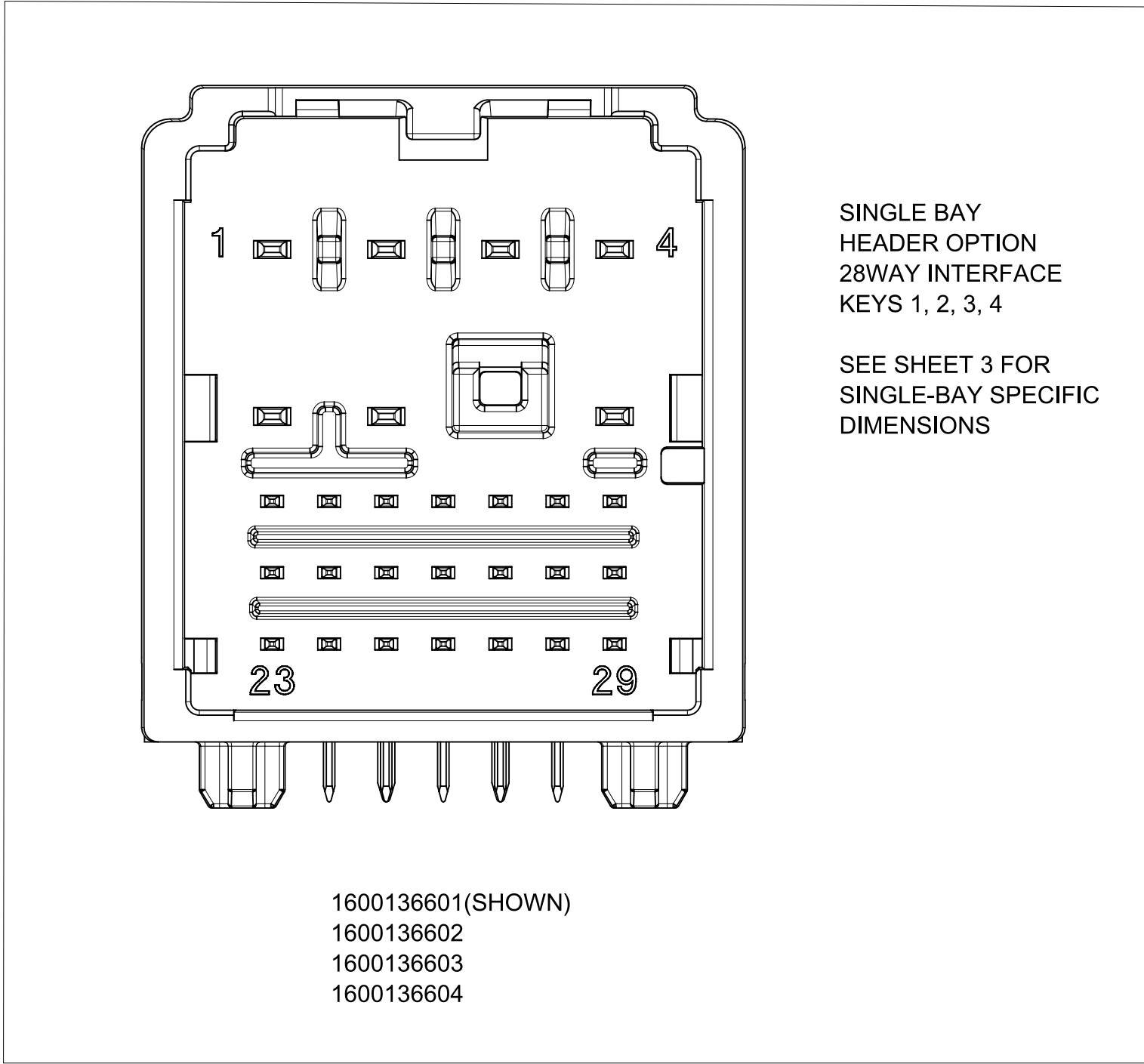
160013X641
1600133741
1600133841
1600134141
1600134641
1600133941



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

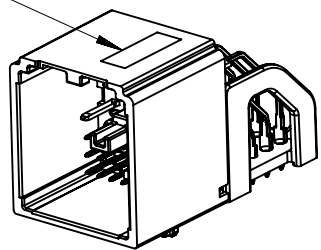


160013X623



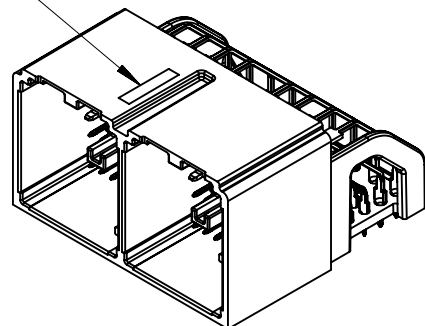
1600136601 (SHOWN)
1600136602
1600136603
1600136604

SEE NOTE 4.B.



Gen1
SCALE 1:1

SEE NOTE 4.B.



Iso1
SCALE 1:1

NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-160013-001
b. PRODUCT SPECIFICATION SEE: PS-160013-001
c. PACKAGING SPECIFICATION PER BOM TABLE SHEET 4

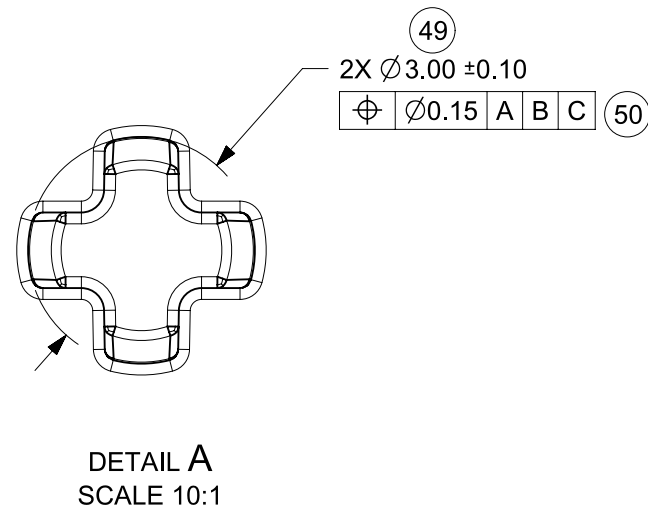
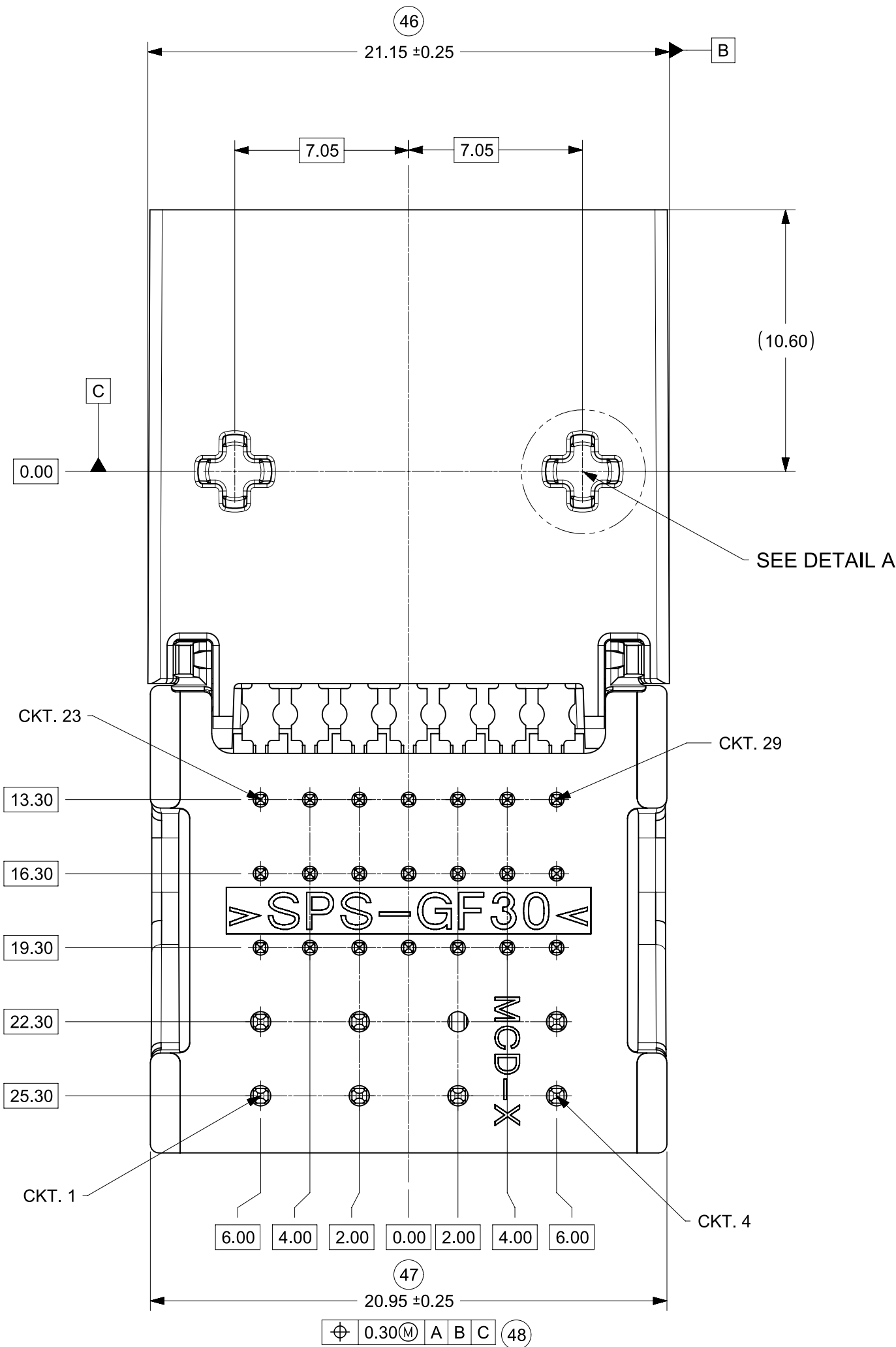
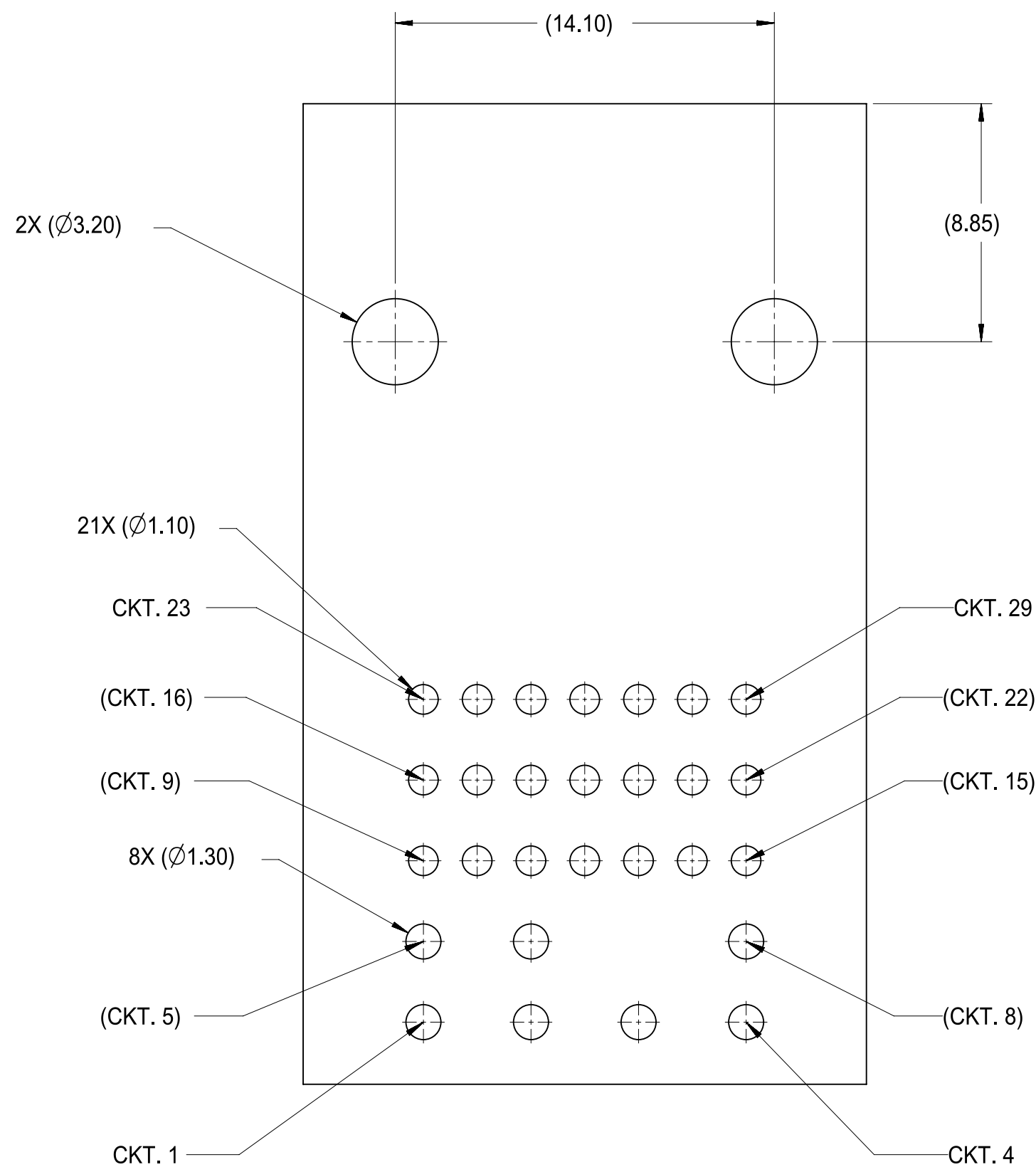
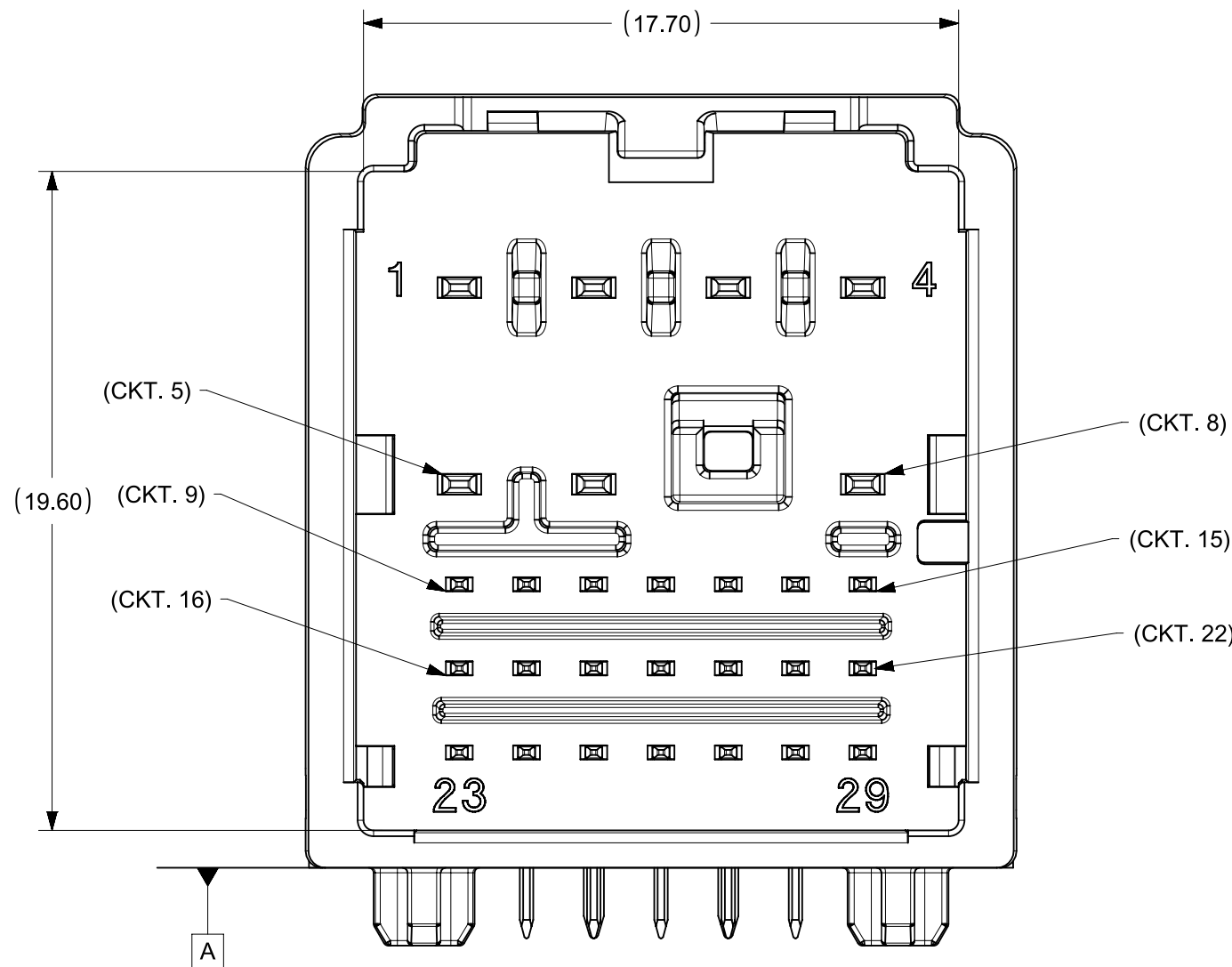
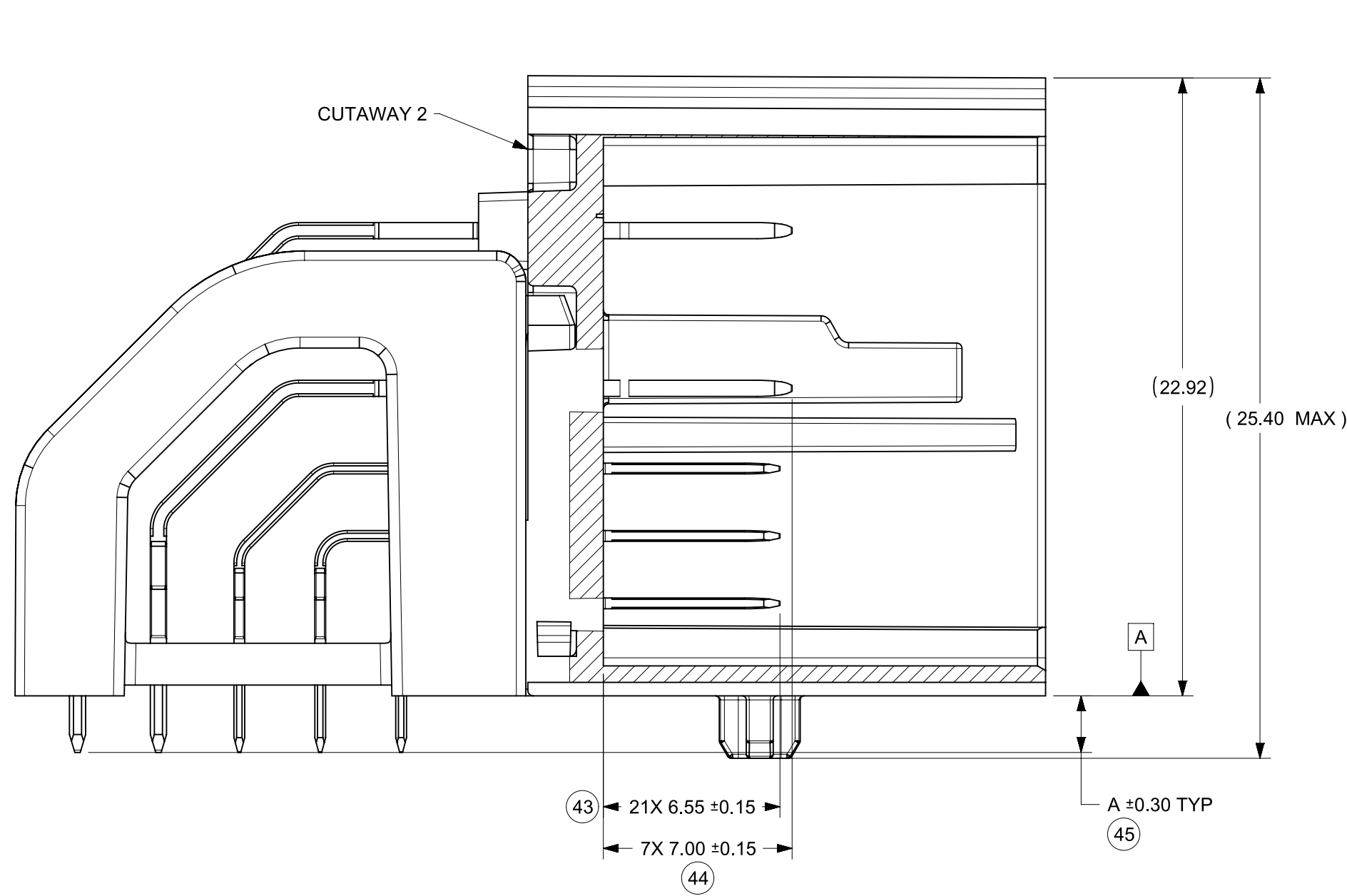
2. DESIGN - MATERIALS:
a. SEE BOM TABLE
b. BLADE TERMINALS:
1. 0.5mm Blades
Base Material: Copper Alloy
Conductivity ≥28% IACS @ 20°C
UNDERPLATING (OVERALL):
0.5 - 2.0 μm ELECTRO-DEPOSITED DUCTILE NICKEL SULFAMATE
OVERPLATING (OVERALL):
0.76 - 1.5 μm ELECTRO-DEPOSITED TIN (REFLOWED)
2. 1.2mm Blades
Base Material: Copper Alloy
Conductivity ≥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)

3. DESIGN - GEOMETRY:
a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
f. LETTERING SHALL BE MAX POSSIBLE FOR READABILITY.
THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION
g. FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE DRAWING SD-160014-002, FOR ANY CONFLICTING DIMENSIONS OR TOLERANCES, SD-160013-0001 IS THE OVERRIDING DOCUMENT.
h. MATING HARNESS CONNECTORS MOLEX PN: 1600140001 (Key 1)
1600140002 (Key 2)
1600140003 (Key 3)
1600140004 (Key 4)

4. DESIGN - MANUFACTURING:
a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
b. HUMAN READABLE LASER MARKING
1. INFORMATION
DDYY: JULIAN DATE CODE
XXXX: 5 DIGIT SERIAL NO.
2. SIZE
HUMAN LEGIBLE
c. PIN MATE SIDE AND PCB SIDE TRUE POSITION TO BE VERIFIED ON-LINE WITH A GO/NO-GO FUNCTIONAL GAGE
d. 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	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								
A = 0	mm		5:1														
C = 0	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				INFOTAINMENT HDR ASSY STAK50H SYSTEM								
P = 0	ANGULAR TOL ± 3.0°																
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: RFC_PLMIMP APPR:				PRODUCT SALES DRAWING								
	3 PLACES		±														
	2 PLACES		± 0.130														
	1 PLACE		± 0.25														
	0 PLACES		±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						D-SIZE		160013		SD-160013-0001		PSD		001		A21	



FUNCTIONAL SYMBOLS F A = 0 F C = 0 F 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		
	mm		5:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 3.0°							INFOTAINMENT HDR ASSY STAK50H SYSTEM		
	4 PLACES		±							
	3 PLACES		±		2022-08-25			PRODUCT SALES DRAWING		
	2 PLACES		± 0.130							
	1 PLACE		± 0.25		2022-08-30					
	0 PLACES		±							
PHASE: Design Production				DOCUMENT NUMBER SD-160013-0001			DOC TYPE PSD	DOC PART 001	REVISION A21	
CO NO: CO-000001199										
DRWN: Kun Du										
CHK'D: Ringo Hu										
APPR: Mike Vanslambrouck				MATERIAL NUMBER			CUSTOMER GENERAL MARKET			SHEET NUMBER 3 OF 4
INITIAL REVISION:										
DRWN: RFC_PLMIMP										
APPR:										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES			
						D-SIZE	160013			

