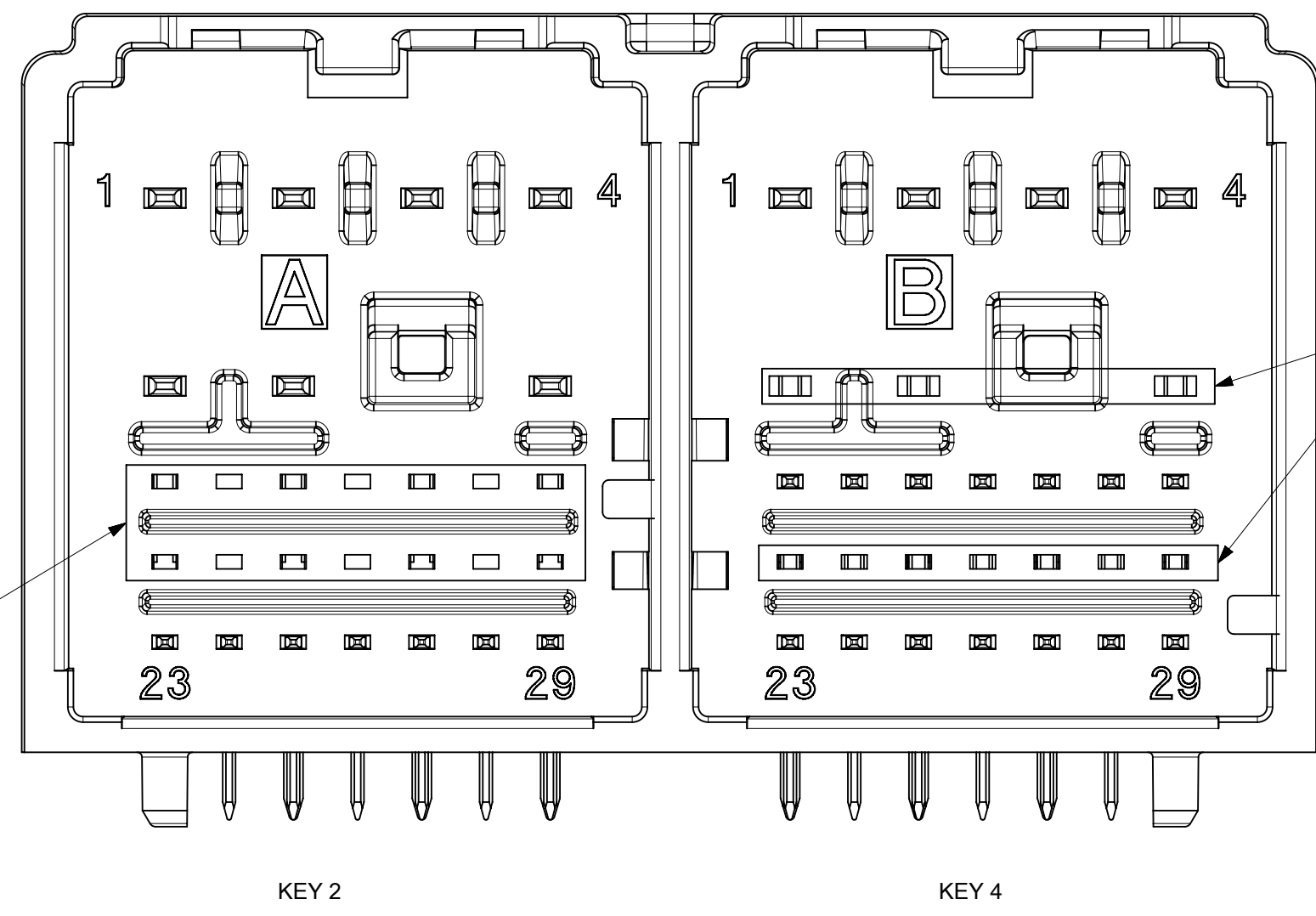


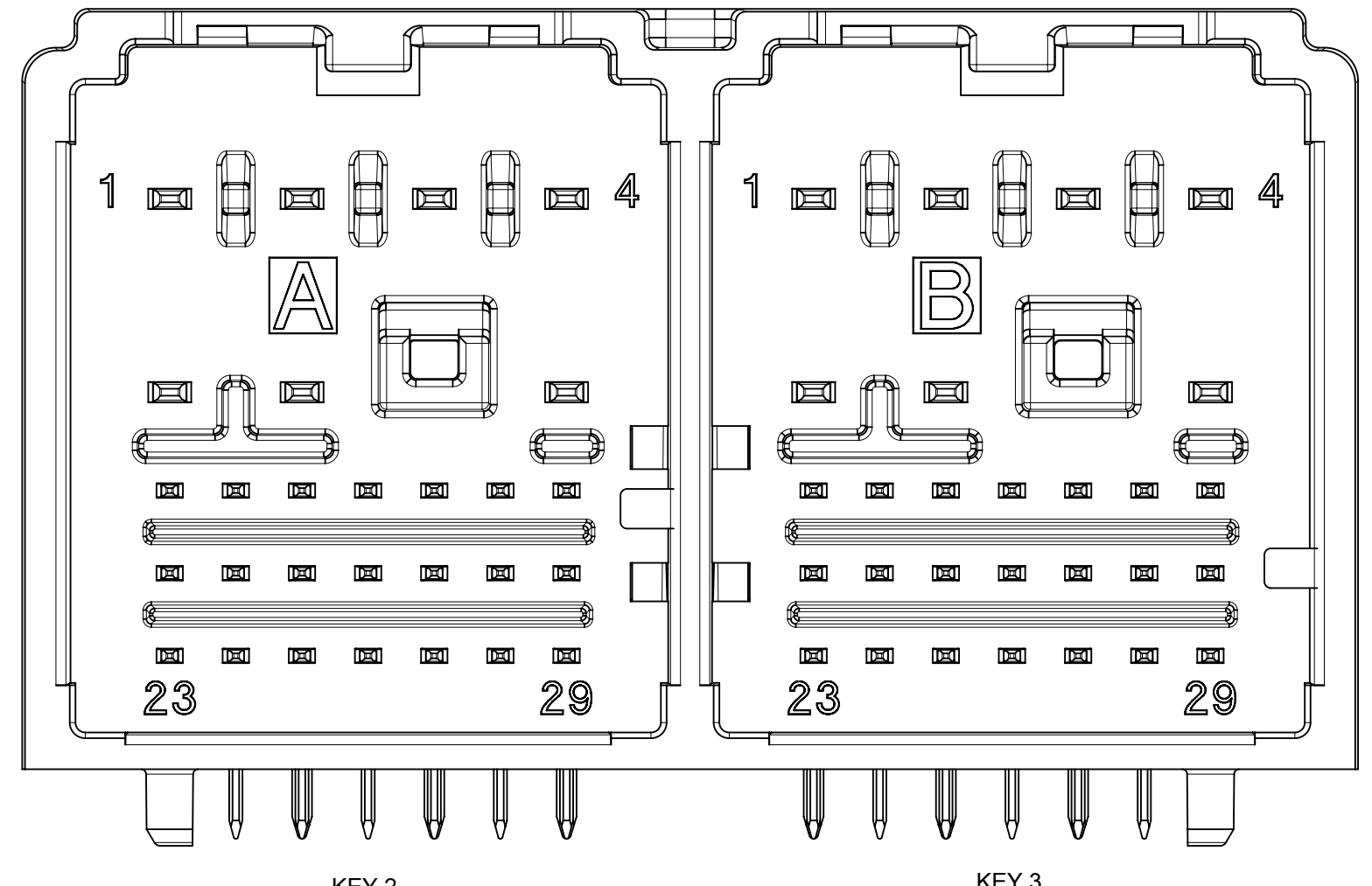
160013X041

DEPOPULATED
CIRCUITS #9-22

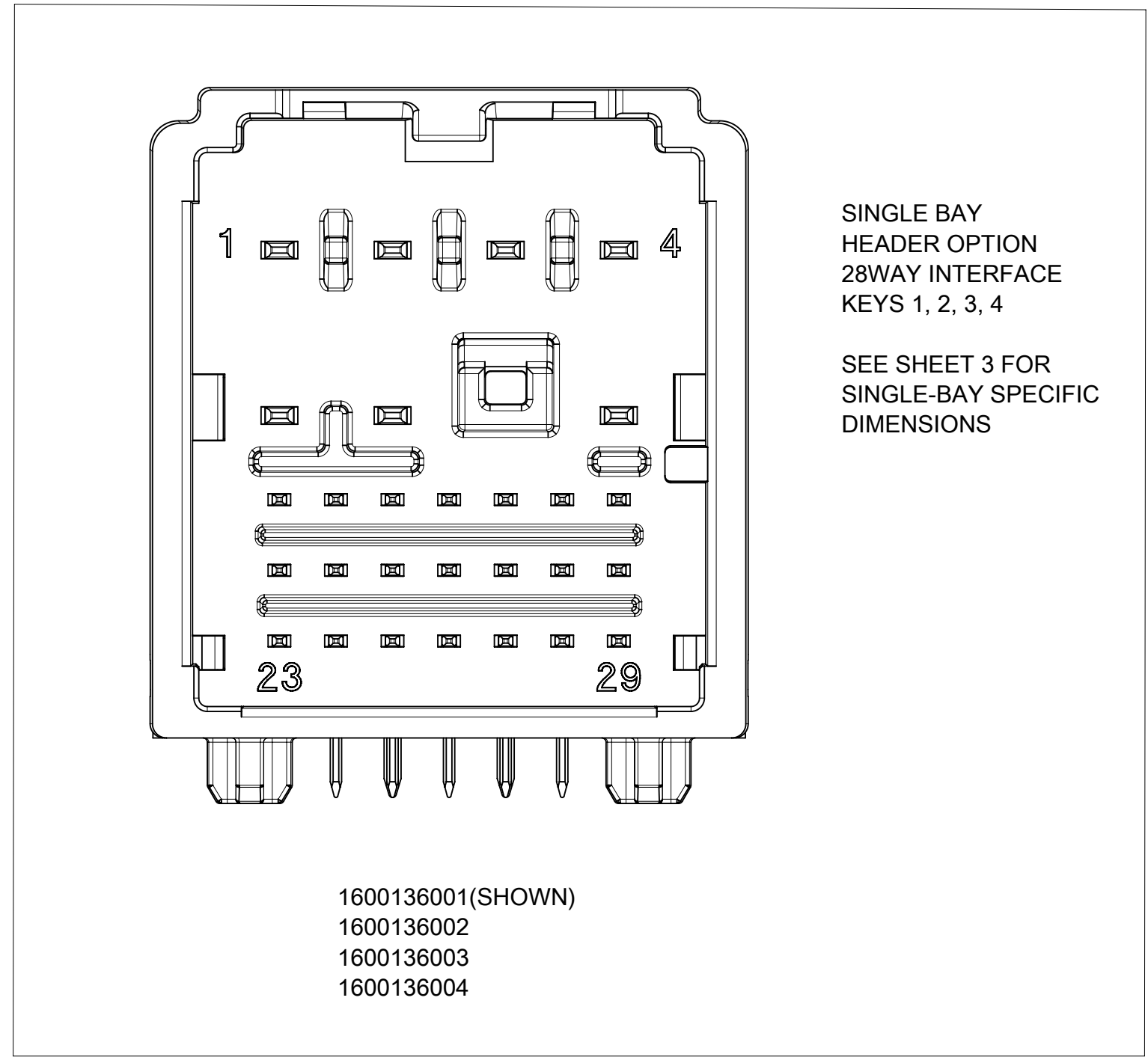


1600131024

DEPOPULATED
CIRCUITS #5,6,8 & #16-22



160013X023



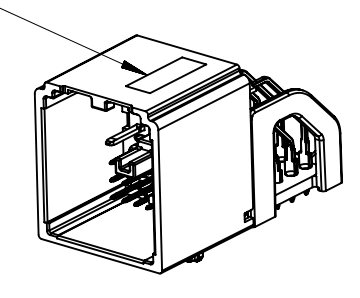
1600136001(SHOWN)
1600136002
1600136003
1600136004

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

SEE SHEET 3 FOR
SINGLE-BAY SPECIFIC
DIMENSIONS

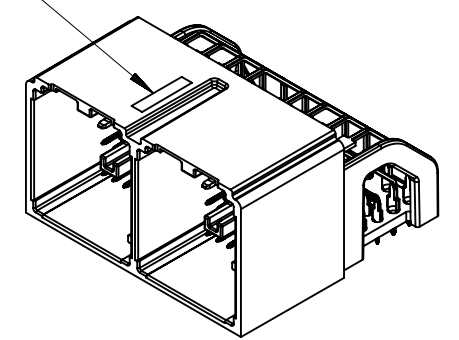
- NOTES: VALID UNLESS OTHERWISE SPECIFIED
- GENERAL:
 - APPLICATION SPECIFICATION SEE: AS-160013-001
 - PRODUCT SPECIFICATION SEE: PS-160013-001
 - PACKAGING SPECIFICATION:
 - TUBE PACKAGING OPTION: MOLEX DRAWING: PK-31302-235
 - TRAY PACKAGING OPTION: MOLEX DRAWING: 160013-9001
 - DESIGN - MATERIALS:
 - SEE BOM TABLE
 - BLADE TERMINALS:
 - 0.5mm Blades
 - Base Material: Copper Alloy
 - Conductivity $\geq 28\%$ IACS @ 20°C
 - Underplate: Overall Nickel
 - Overplate: Overall Tin
 - 1.2mm Blades
 - Base Material: Copper Alloy
 - Conductivity $\geq 28\%$ IACS @ 20°C
 - Underplate: Overall Nickel
 - Overplate: Overall Tin
 - 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): EM-160013-0001 or 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, AND CUSTOMER MATERIAL NUMBER.
 - 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
 - XXXXX: 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

SEE NOTE 4.B.



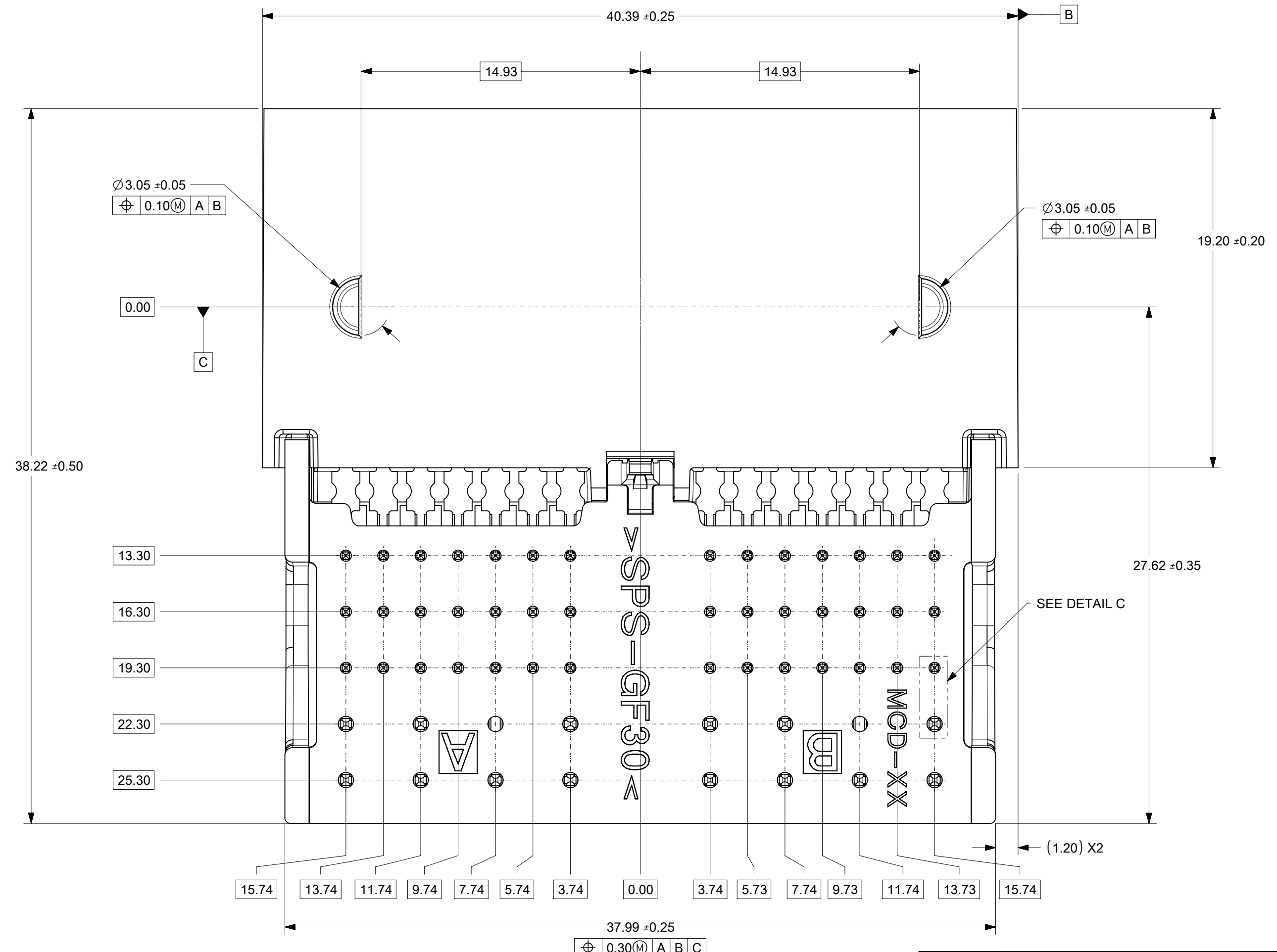
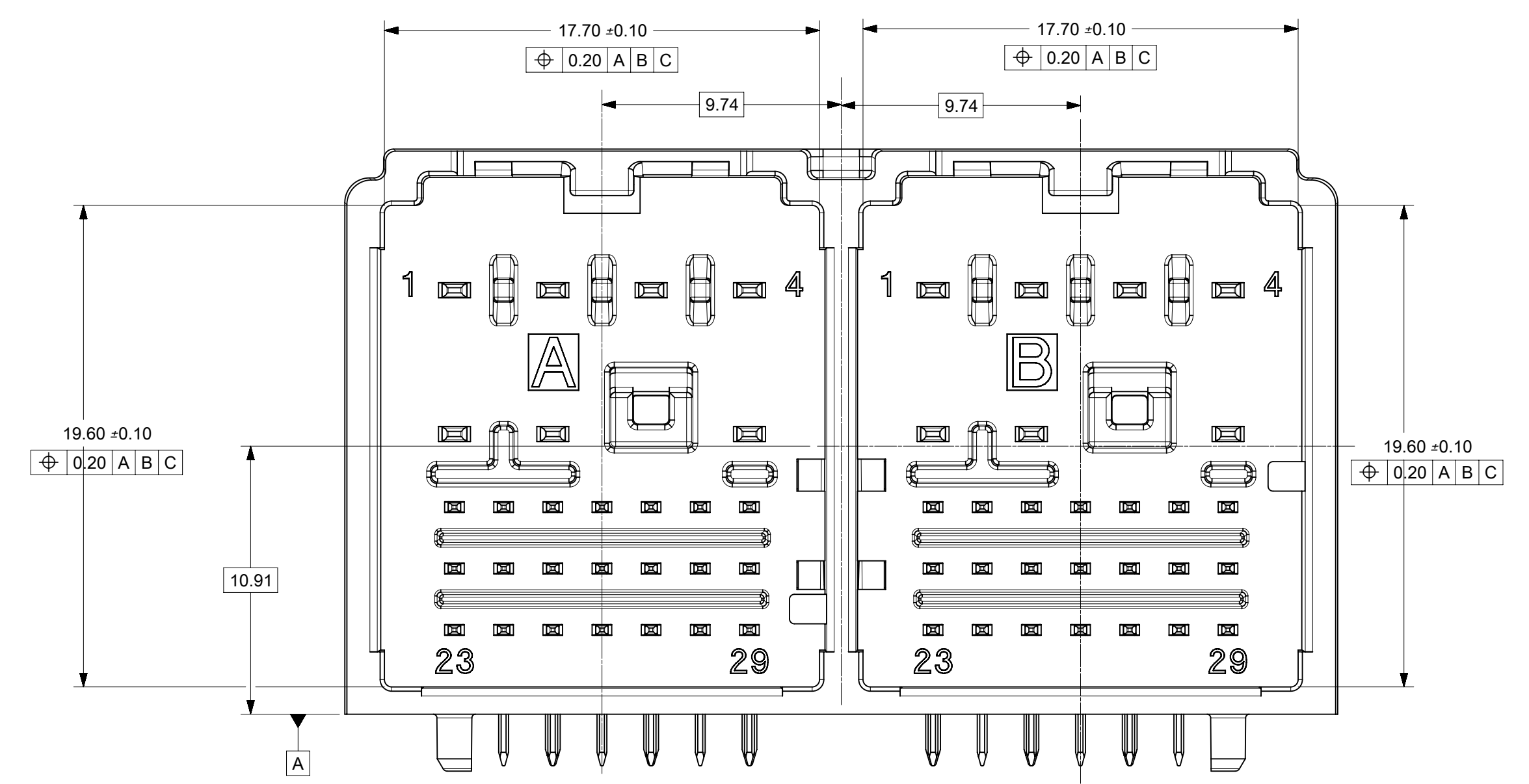
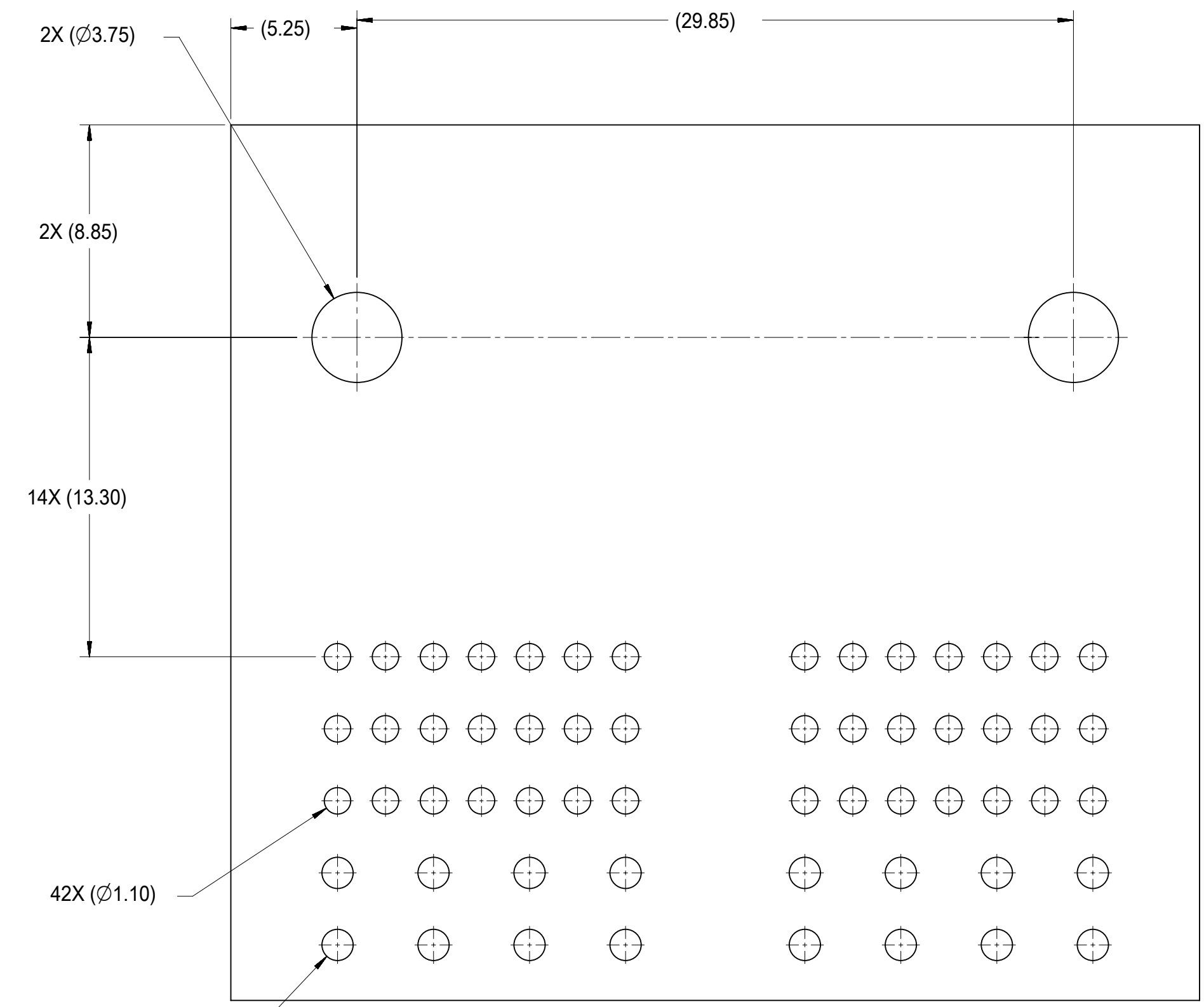
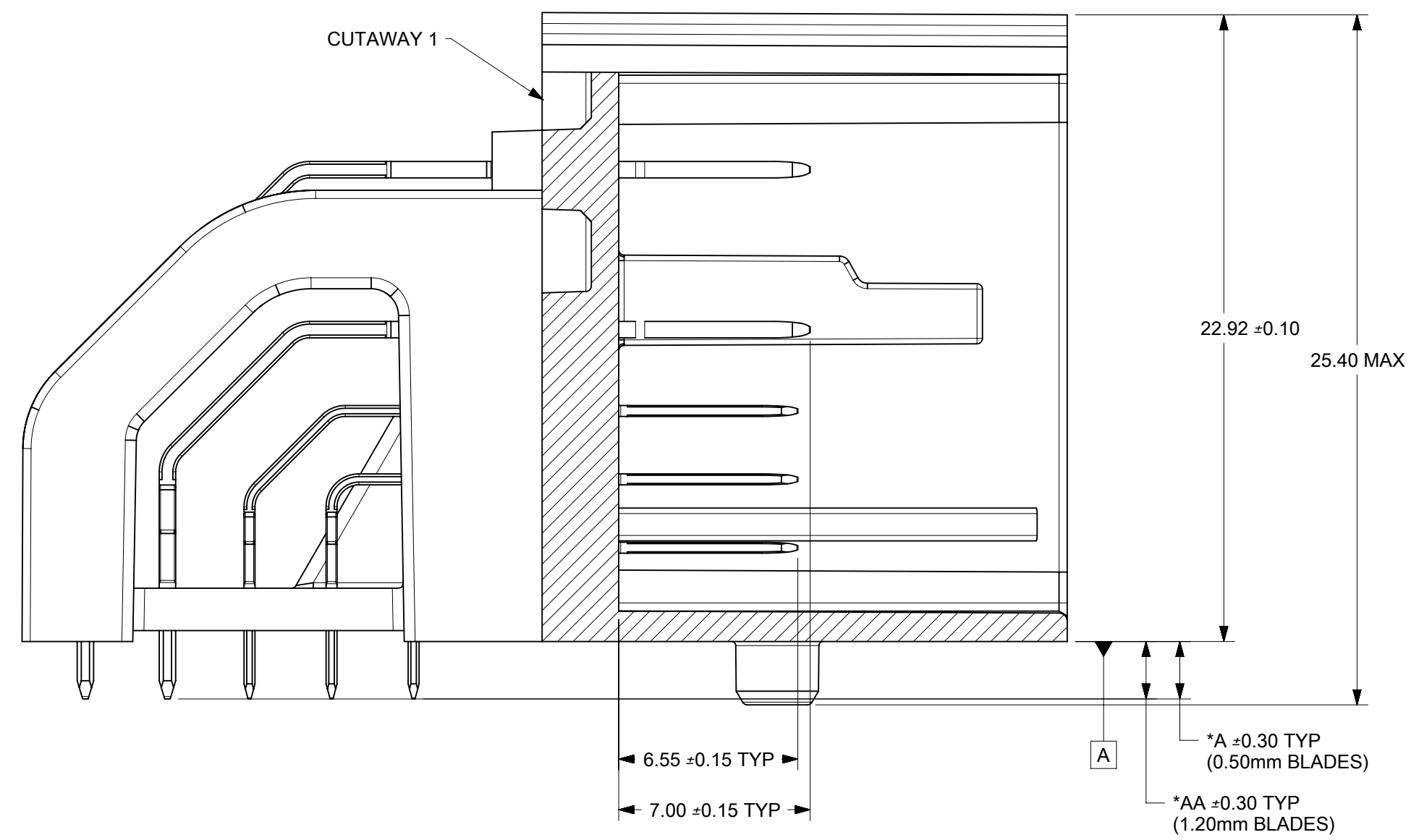
Gen1
SCALE 1:1

SEE NOTE 4.B.



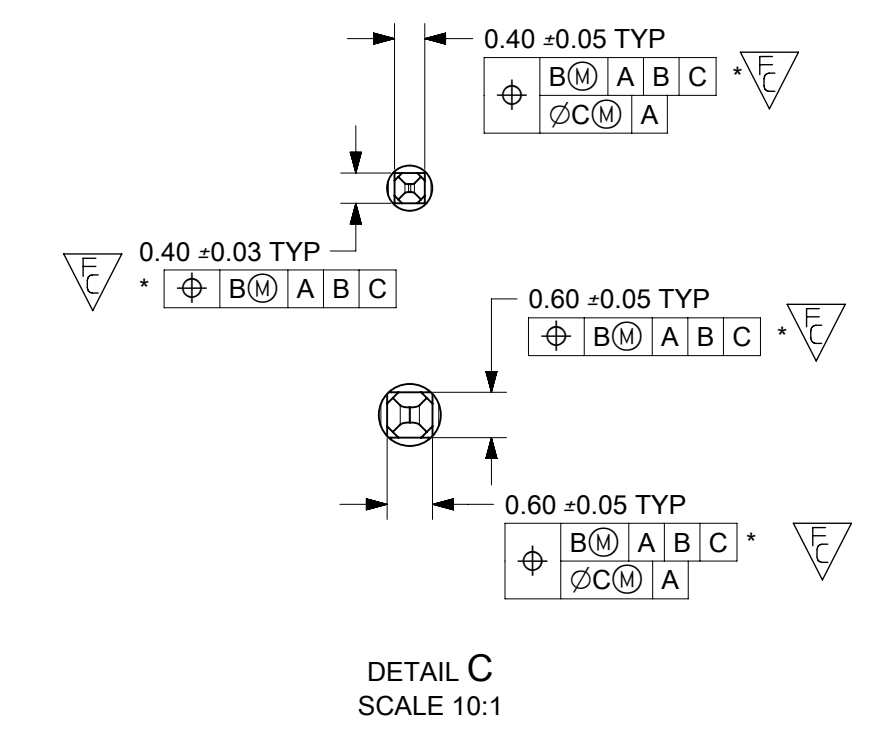
Iso1
SCALE 1:1

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADDED NEW PARTS		
	DIMENSION UNITS	SCALE			
$\nabla = 0$	mm	5:1			EC NO: 615908 DRWN: HTGU002 2019/04/12 CHK'D: JCONDON 2019/04/22 APPR: JCONDON 2019/04/22
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$\nabla = 0$	ANGULAR TOL	$\pm 3.0^\circ$			INITIAL REVISION: DRWN: JCONDON 2013/12/11 APPR: KDEKOSKI 2014/06/26
$\nabla = 0$	4 PLACES	\pm			
$\nabla = 0$	3 PLACES	\pm			DOCUMENT NUMBER: SD-160013-0001 DOC TYPE: PSD DOC PART: 001 REVISION: A15
$\nabla = 0$	2 PLACES	± 0.13			
$\nabla = 0$	1 PLACE	± 0.25			MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 4
$\nabla = 0$	0 PLACES	\pm			
$\square = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 160013	

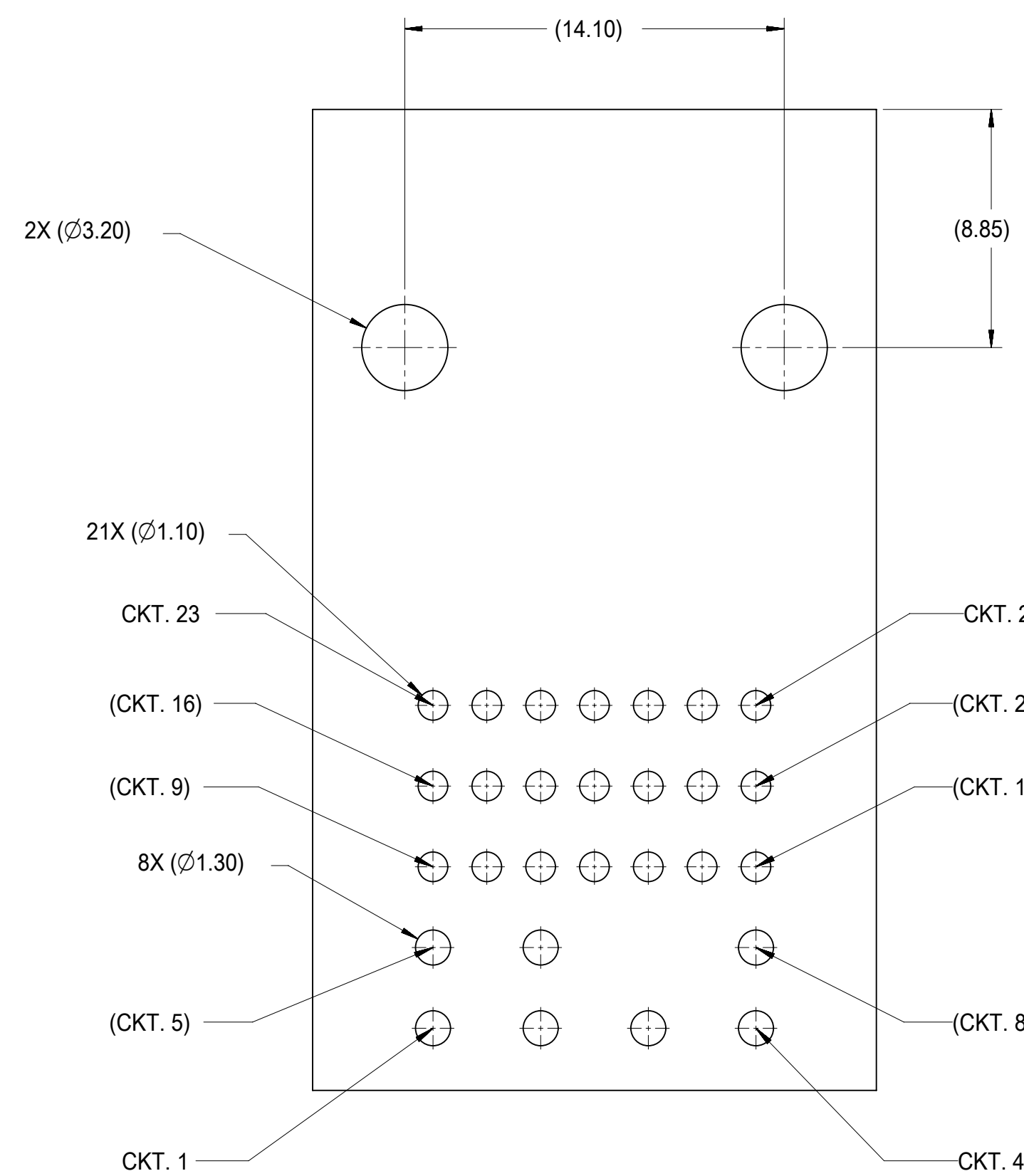
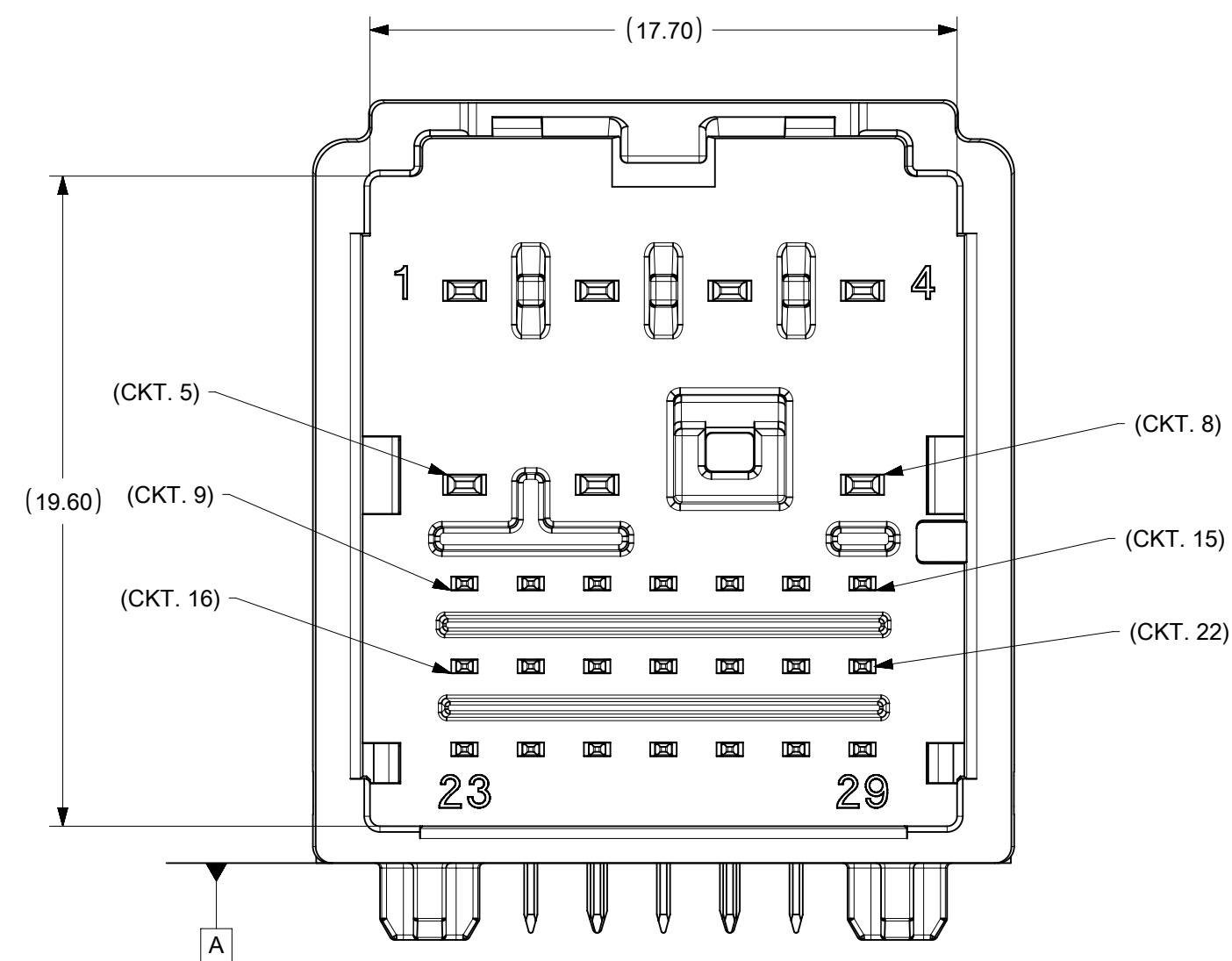
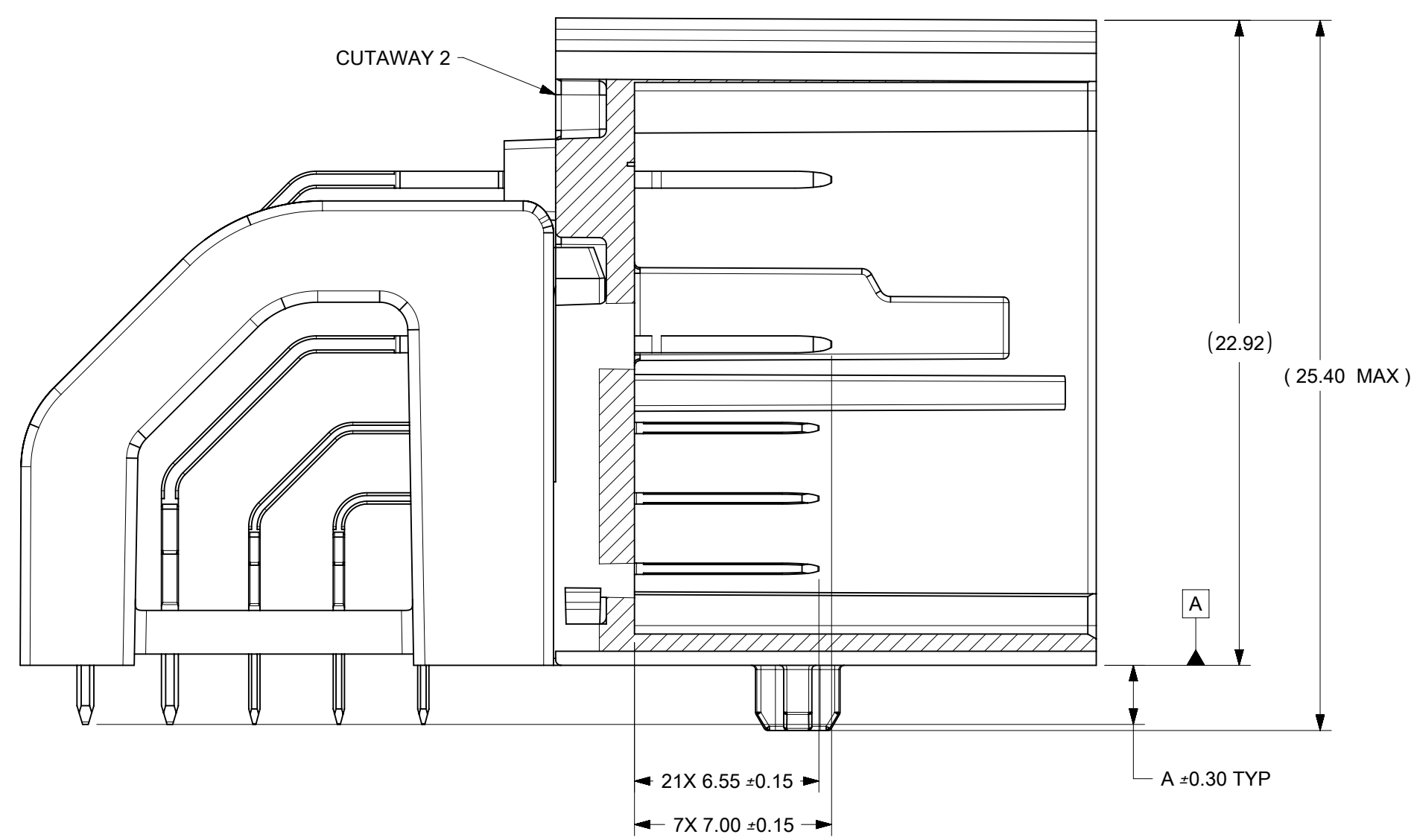


HEADER ASSEMBLY OPTIONS				
PART NUMBER	DIM A*	DIM AA*	DIM B*	DIM C*
1600130041	2.1	2.1	0.40	0.37
1600130641	2.1	2.1	0.40	0.37
1600132041	2.1	2.1	0.40	0.37
1600132641	2.1	2.1	0.40	0.37
1600130023	2.1	2.1	0.40	0.37
1600130623	2.1	2.1	0.40	0.37
1600132023	2.1	2.1	0.40	0.37
1600132623	2.1	2.1	0.40	0.37
1600131024	2.5	2.5	0.53	0.50
1600131624	2.5	2.5	0.53	0.50
1600133041	2.5	2.5	0.53	0.50
1600133641	2.5	2.5	0.53	0.50
1600133023	2.5	2.5	0.53	0.50
1600133623	2.5	2.5	0.53	0.50
160013600X	2.5	2.5	0.53	0.50
160013660X	2.5	2.5	0.53	0.50
1600134023	2.5	3.0	0.68	0.65
1600134623	2.5	3.0	0.68	0.65
1600134141	2.5	3.0	0.68	0.65
1600133624	2.5	2.5	0.53	0.50
1600133724	2.5	2.5	0.53	0.50
1600133741	2.5	2.5	0.53	0.50

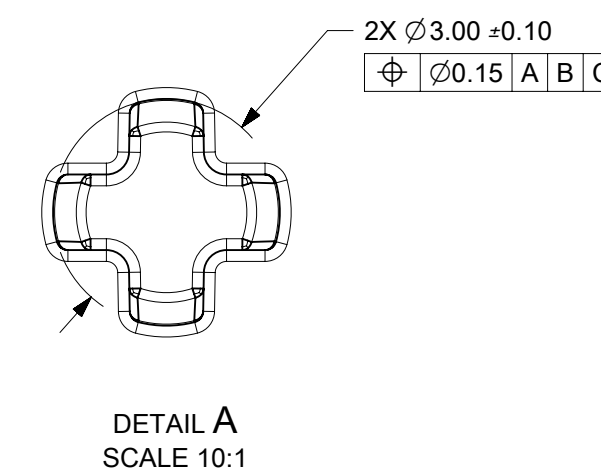
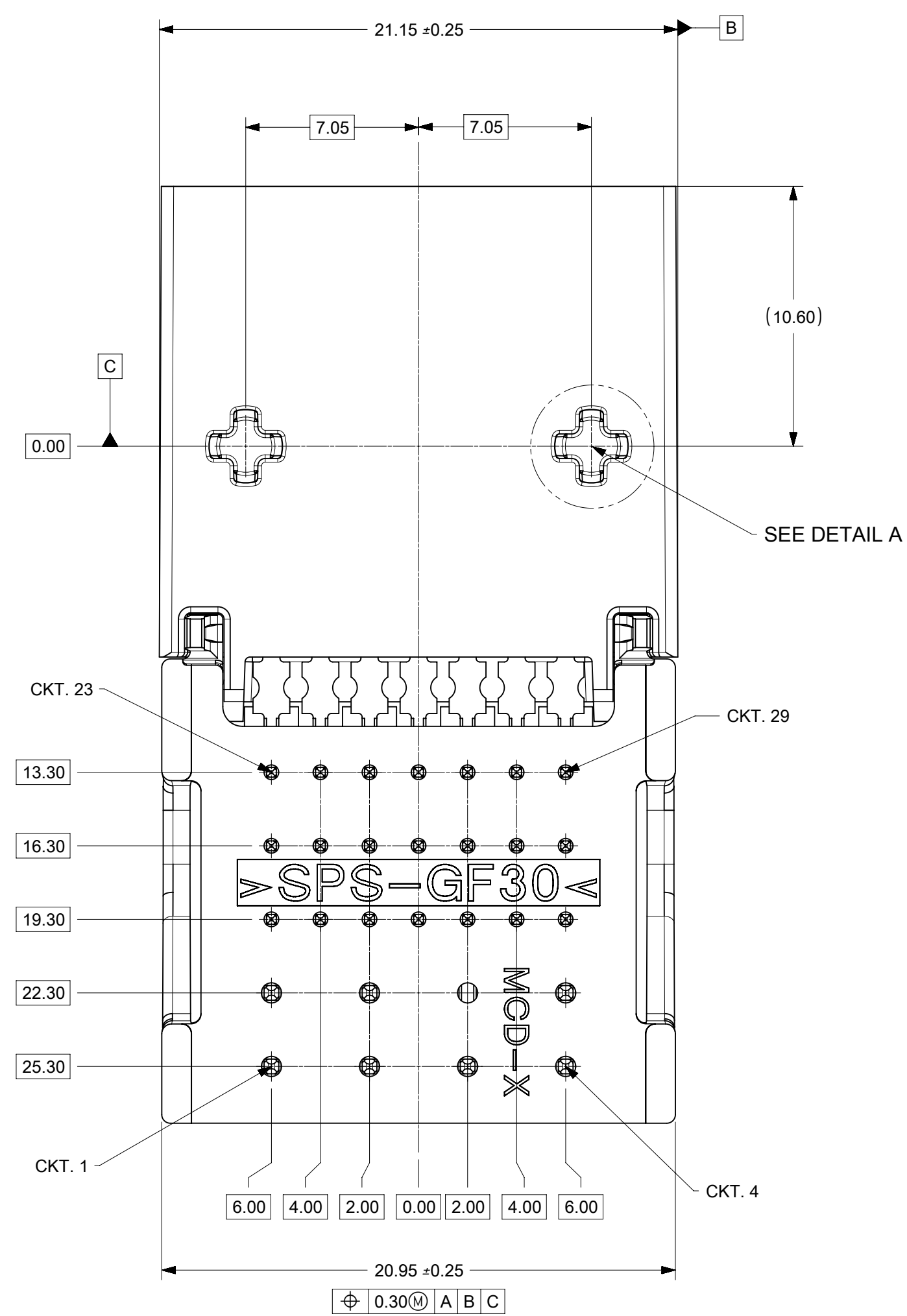
*X=1 / 2 / 3 / 4;



SYMBOLS DIMENSION UNITS: mm SCALE: 5:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 3.0° 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: ADDED NEW PARTS		
	EC NO: 615908 DRWN: HTGU002 2019/04/12 CHK'D: JCONDON 2019/04/22 APPR: JCONDON 2019/04/22 INITIAL REVISION: DRWN: JCONDON 2013/12/11 APPR: KDEKOSKI 2014/06/26		
PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER: SD-160013-0001 DOC TYPE: PSD DOC PART: 001 REVISION: A15
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NUMBER: 2 OF 4



PCB LAYOUT FOR REFERENCE ONLY



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: ADDED NEW PARTS
▽ = 0	mm	5:1	molex INFOTAINMENT HDR ASSY STAK50H SYSTEM PRODUCT CUSTOMER DRAWING
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL ± 3.0°		
▽ = 0	4 PLACES ±		
▽ = 0	3 PLACES ±		
▽ = 0	2 PLACES ± 0.13		EC NO: 615908 DRWN: HTGU002 2019/04/12 CHK'D: JCONDON 2019/04/22 APPR: JCONDON 2019/04/22
▽ = 0	1 PLACE ± 0.25		INITIAL REVISION: DRWN: JCONDON 2013/12/11 APPR: KDEKOSKI 2014/06/26
▽ = 0	0 PLACES ±		DOCUMENT NUMBER: SD-160013-0001 DOC TYPE: PSD DOC PART: 001 REVISION: A15
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 4
▽ = 0		D-SIZE	SERIES: 160013

