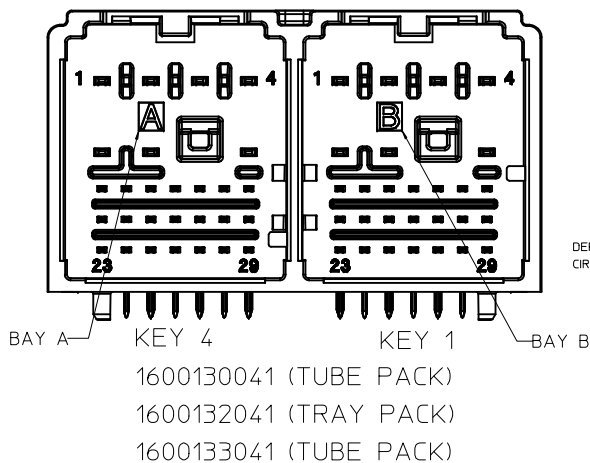
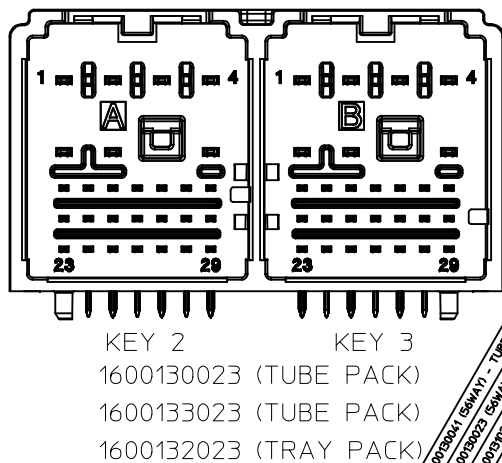
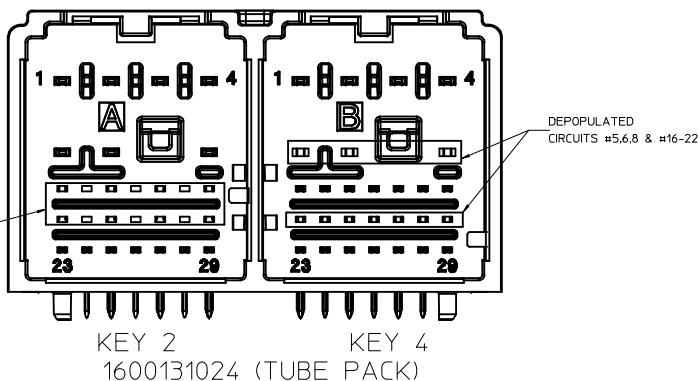


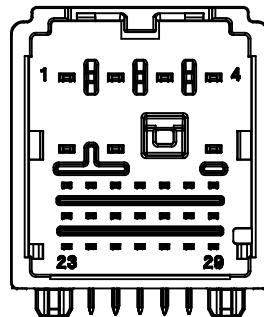
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



DEPOPULATED
CIRCUITS #9-22



MOLEX ASSEMBLY NO.
1600130041 (50MM) - TUBE PACK
1600130023 (50MM) - TUBE PACK
1600130041 (50MM) - TRAY PACK
1600130023 (50MM) - TRAY PACK
1600130041 (50MM) - TUBE PACK
1600130023 (50MM) - TUBE PACK
1600130041 (50MM) - TRAY PACK
1600130023 (50MM) - TRAY PACK
1600130041 (50MM) - TUBE PACK
1600130023 (50MM) - TUBE PACK
1600130041 (50MM) - TRAY PACK
1600130023 (50MM) - TRAY PACK

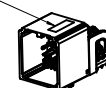


SEE SHEET 3 FOR
SINGLE-BAY SPECIFIC
DIMENSIONS

- 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: PK-160013-001
 - 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 Y14.5M-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
 - 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
DODDY: 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

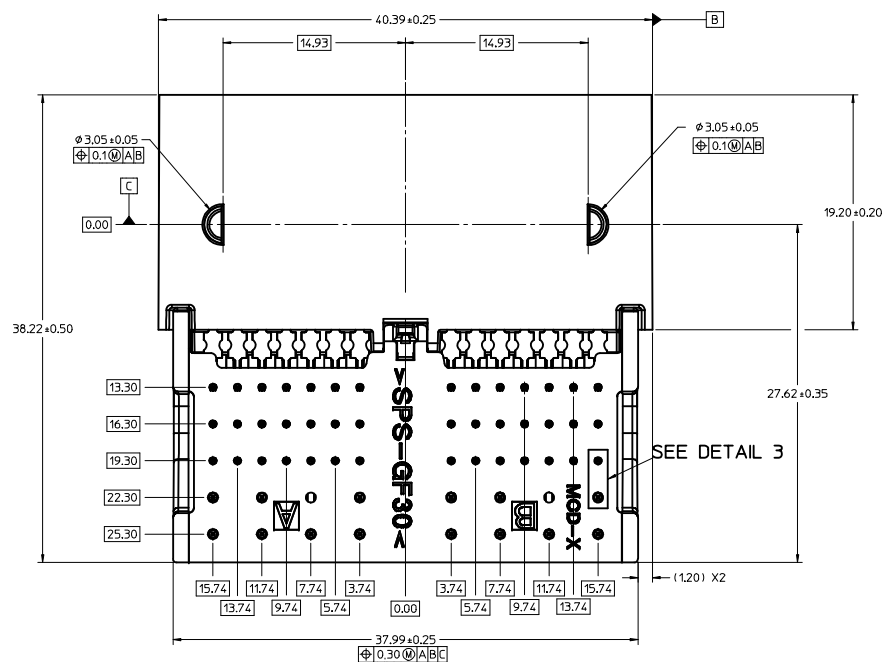
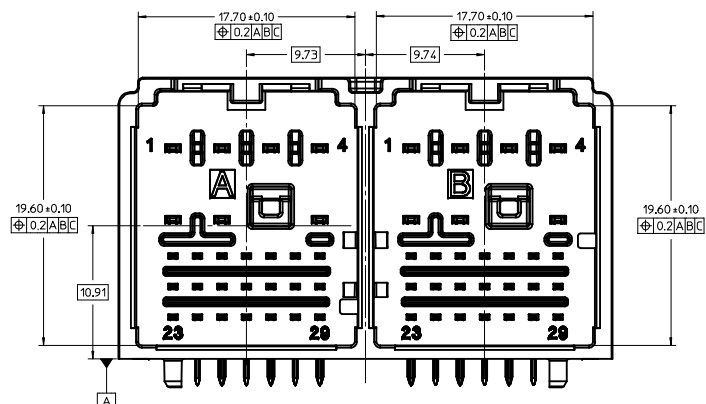
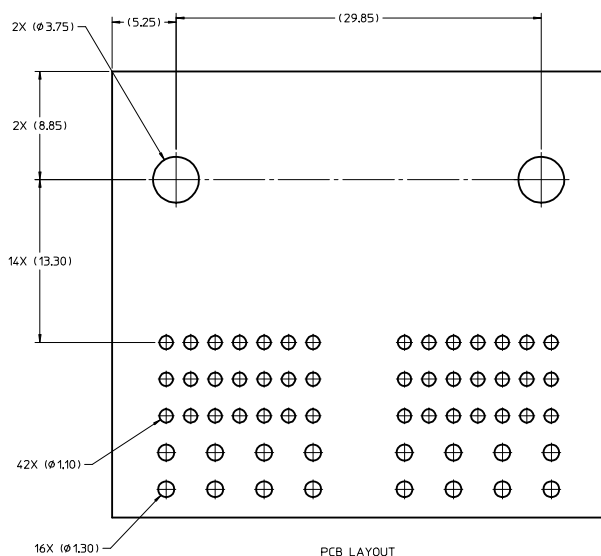
SEE NOTE 4.B.

SEE NOTE 4.B.

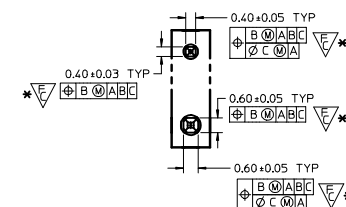


MOLEX PART NO.	DESCRIPTION	BAY A KEY	BAY B KEY	UNIT	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.
1600130500	HEADER SHROUD	KEY 4	KEY 1	QTY.	1	0	0	1	1	0	0	0	0
1600130542	HEADER SHROUD	KEY 4	KEY 2	QTY.	0	0	0	0	0	0	0	0	0
1600130543	HEADER SHROUD	KEY 4	KEY 3	QTY.	0	0	0	0	0	0	0	0	0
1600130521	HEADER SHROUD	KEY 2	KEY 1	QTY.	0	0	0	0	0	0	0	0	0
1600130523	HEADER SHROUD	KEY 2	KEY 3	QTY.	0	1	0	0	0	1	0	0	0
1600130524	HEADER SHROUD	KEY 2	KEY 4	QTY.	0	1	0	0	0	0	0	0	0
1600130551	HEADER SHROUD	KEY 1	--	QTY.	0	0	0	0	0	0	1	0	0
1600130552	HEADER SHROUD	KEY 2	--	QTY.	0	0	0	0	0	0	1	0	0
1600130553	HEADER SHROUD	KEY 3	--	QTY.	0	0	0	0	0	0	0	1	0
1600130554	HEADER SHROUD	KEY 4	--	QTY.	0	0	0	0	0	0	0	0	1
1600130700	PIN ALIGNMENT PLATE	--	--	QTY.	1	1	1	1	1	1	1	1	1
1600130710	PIN ALIGNMENT PLATE	--	--	QTY.	0	0	0	0	0	0	1	1	0
1600130111	1.2MM BLADE - LONG	--	--	QTY.	8	8	8	8	8	8	8	8	8
1600130112	1.2MM BLADE - SHORT	--	--	QTY.	6	6	6	6	6	6	6	6	6
1600130114	1.2MM BLADE - LONG OPTION 2	--	--	QTY.	--	8	8	8	8	4	4	4	4
1600130113	1.2MM BLADE - SHORT OPTION 2	--	--	QTY.	--	3	6	6	3	3	3	3	--
1600130211	0.5MM BLADE - LONG	--	--	QTY.	14	14	--	14	--	--	--	--	14
1600130212	0.5MM BLADE - MEDIUM	--	--	QTY.	14	14	--	14	--	--	--	--	14
1600130213	0.5MM BLADE - SHORT	--	--	QTY.	14	14	--	14	--	--	--	--	14
1600130214	0.5MM BLADE - LONG OPTION 2	--	--	QTY.	--	7	--	14	14	7	7	7	--
1600130215	0.5MM BLADE - MEDIUM OPTION 2	--	--	QTY.	--	0	--	14	14	7	7	7	--
1600130216	0.5MM BLADE - SHORT OPTION 2	--	--	QTY.	--	14	--	14	14	7	7	7	--

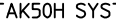
ENTER DESCRIPTION EC NO. UAU2016-1932 DRAWN JJOVA CHKD: APPR:KDEKOSKI REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE JCONDON 2013/12/11 CHECKED BY DATE APPROVED BY DATE KDEKOSKI 2014/06/26 MATERIAL NO. DOCUMENT NO. SD-160013-0001	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION INFOTAINMENT HDR ASSY STAK50H SYSTEM molex SHEET NO. 1 OF 3



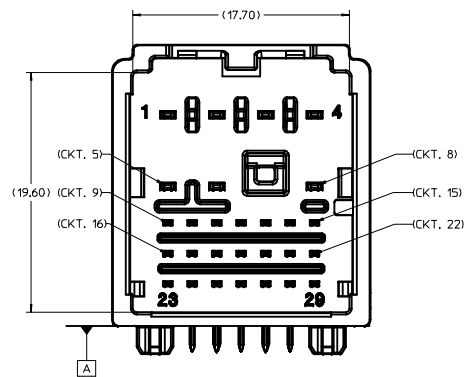
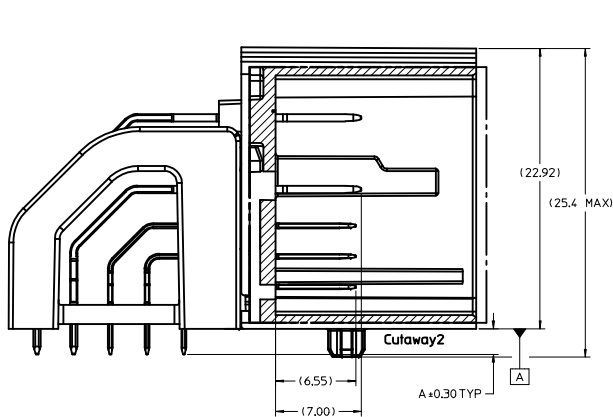
HEADER ASSEMBLY OPTIONS			
PART NUMBER	DIM A *	DIM B *	DIM C
1600130041	2.1	0.40	0.37
1600132041	2.1	0.40	0.37
1600130023	2.1	0.40	0.37
1600131024	2.5	0.53	0.50
1600133041	2.5	0.53	0.50
1600133023	2.5	0.53	0.50
160013600X	2.5	0.53	0.50
1600132023	2.1	0.40	0.37



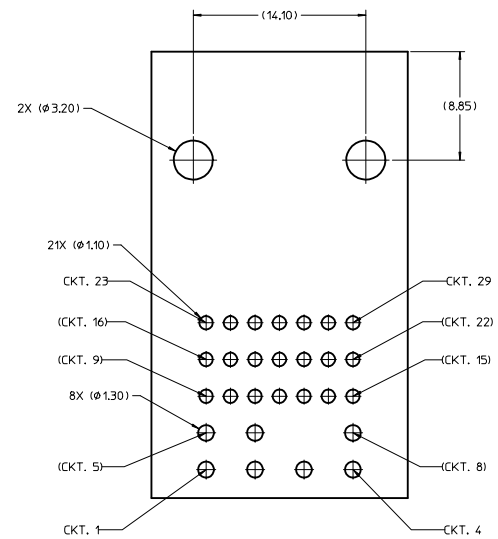
DETAIL 3
SCALE 10:1

ENTER DESCRIPTION EC. NO. IAU2016-1932 DRAWING JUDYA (CHKD) APPR: KDEKOSKI 2016/06/10 2016/06/10 2016/06/10	QUALITY SYMBOLS ▽=0 ▽=4 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		4 PLACES ± ± 3 PLACES ± ± 2 PLACES ± ± 1 PLACE ± ± 0 PLACE ± ±		DRAWN BY DATE JCONDON 2013/12/11 CHECKED BY DATE		INFOTAINMENT HDR ASSY STAK50H SYSTEM 		
		ANGULAR ± 3°		APPROVED BY DATE KDEKOSKI 2014/06/26				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
A7		SEE SHEET 1		SD-160013-0001		2 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

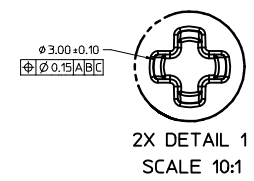
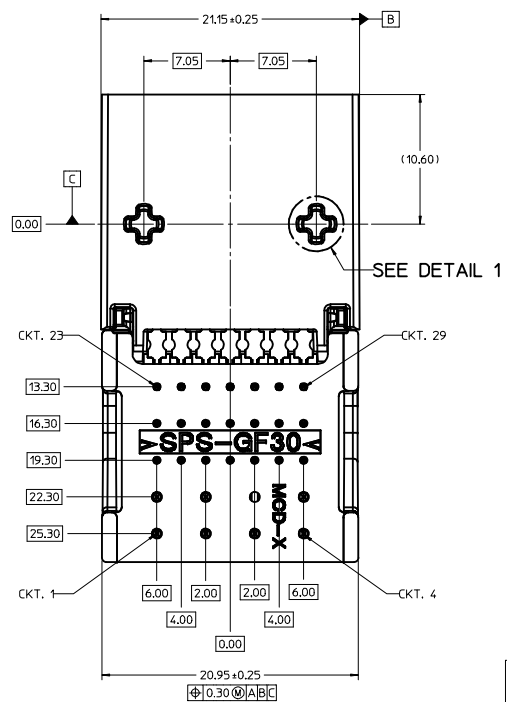
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



28WAY HEADER ONLY



PCB LAYOUT FOR REFERENCE ONLY



ENTER DESCRIPTION EC NO: UAU2016-1932 DRAWN: JJOYA CHKD: APPROVED: KDEKOSKI REV: A7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE INFOTAINMENT HDR ASSY STAK50H SYSTEM		
				mm	INCH	DRAWN BY JCONDON	DATE 2013/12/11	TITLE					
		4 PLACES		±	---	CHECKED BY		DATE					
		3 PLACES		±	---								
		2 PLACES		±	0.13								
		1 PLACE		±	0.25	APPROVED BY		DATE					
		0 PLACE		±	---	KDEKOSKI		2014/06/26					
						MATERIAL NO.		DOCUMENT NO.					
						9999999999		SD-160013-0001				SHEET NO.	
						SIZE		D				3 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1