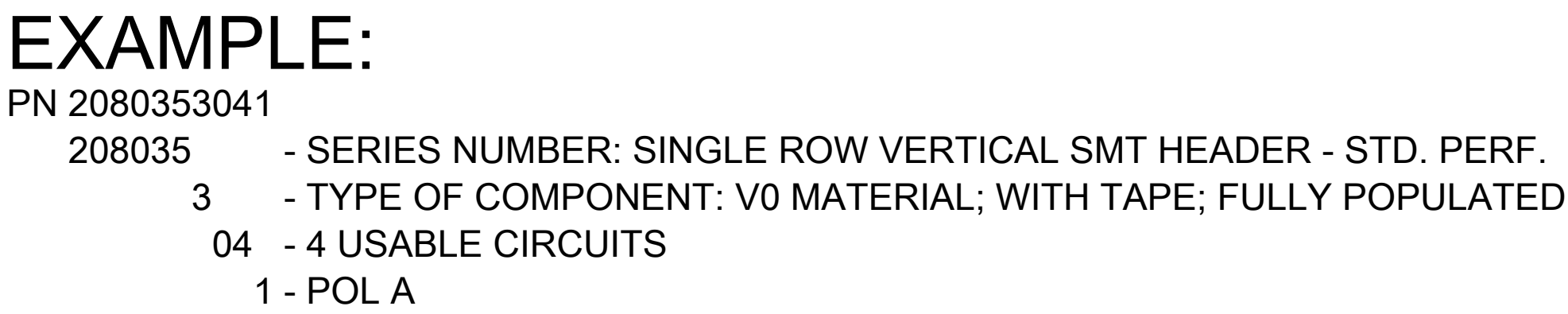
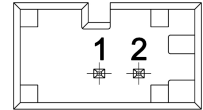
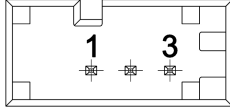
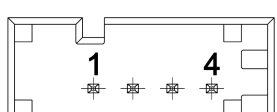
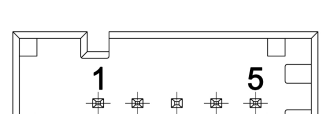
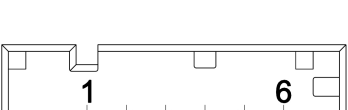
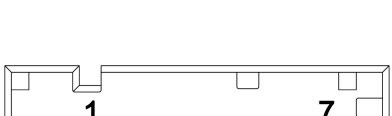
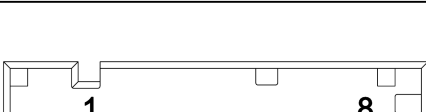
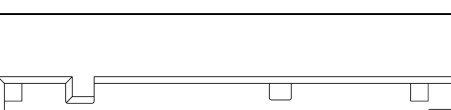
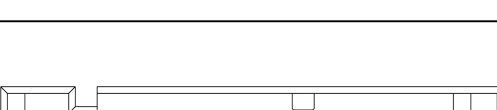
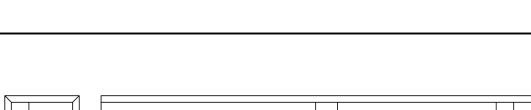




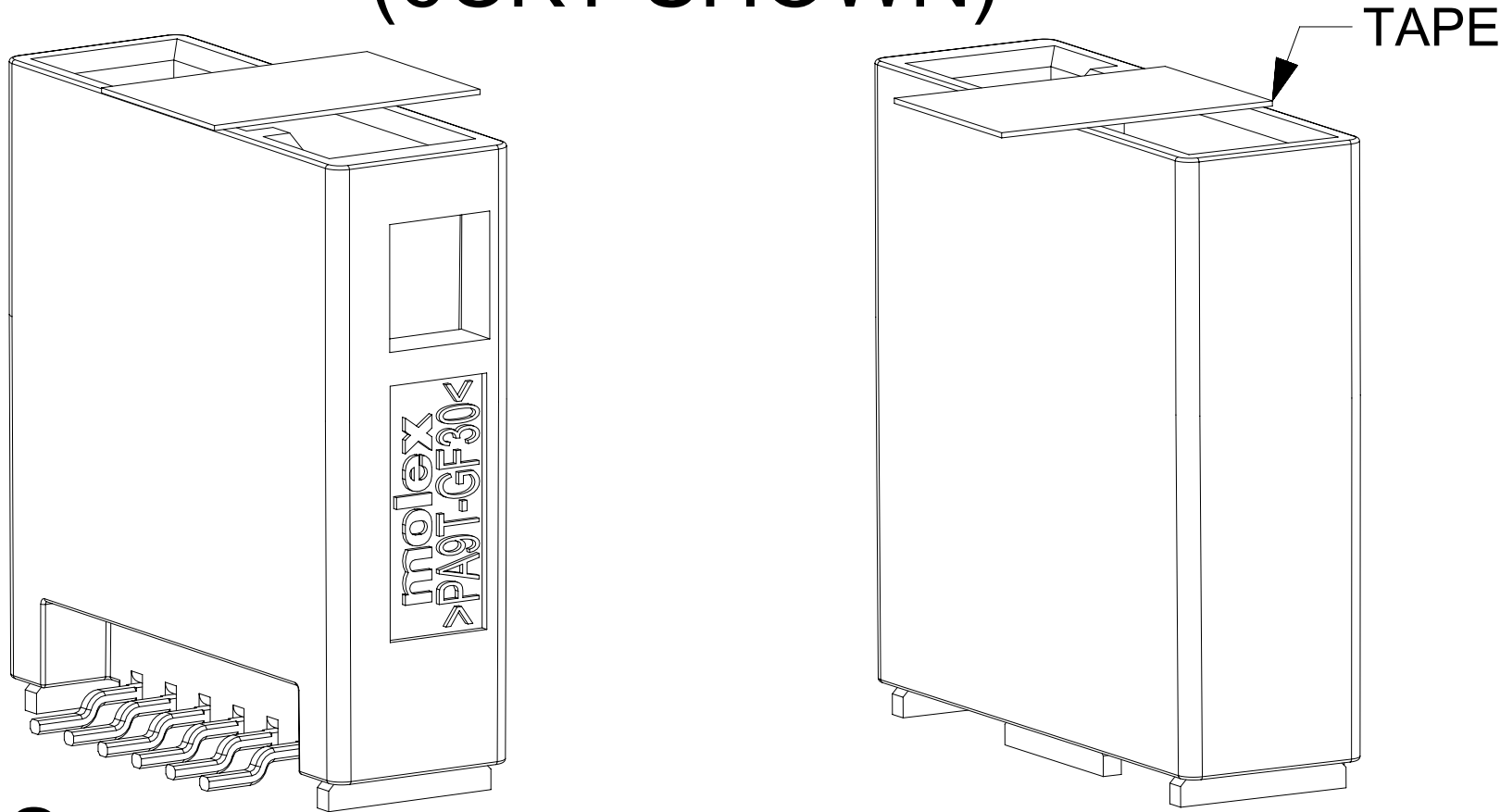
FINAL PART: 4CKT SINGLE ROW STANDARD PERFORMANCE VERTICAL SMT HEADER WITH TAPE - KEY A

	SERIES NUMBERS (AAAAAA)	TYPE OF COMPONENT (B)	USABLE CIRCUITS (CC)	KEY (D)
MATING COMPONENTS	205827 - SR TANG RECEPTACLE	2 - V0 MATL; NO TAPE; FULLY POPULATED 3 - V0 MATL; WITH TAPE; FULLY POPULATED	02 - 2 Circuits	1 - KEY A
	208037 - SR CLEAN BODY RECEPTACLE		...	2 - KEY B
ON DRAWING	208035 - SR VERTICAL SMT HEADER - STANDARD PERF.		...	3 - KEY C
OTHER	208033 - SR RIGHT ANGLE SMT HEADER - STANDARD PERF.		11 - 11 Circuits	4 - KEY D

									STANDARD PERFORMANCE VERTICAL V0 SMT HEADER		TOOLING STATUS
INTERFACE	INTERFACE CKT SIZE	DIM A	DIM B	DIM C	DIM D	DIM E	KEY	COLOR	NO TAPE PART NUMBER	WITH TAPE PART NUMBER	
	2	10.45	0.125	4.16	4.81	0.125	A	BLACK	2080352021	2080353021	AVAILABLE
							B	NATURAL	2080352022	2080353022	
							C	BLUE	2080352023	2080353023	
							D	VIOLET	2080352024	2080353024	
	3	12.25	1.025	5.06	5.71	1.025	A	BLACK	2080352031	2080353031	AVAILABLE
							B	NATURAL	2080352032	2080353032	
							C	BLUE	2080352033	2080353033	
							D	VIOLET	2080352034	2080353034	
	4	14.05	1.925	5.96	6.61	1.925	A	BLACK	2080352041	2080353041	AVAILABLE
							B	NATURAL	2080352042	2080353042	
							C	BLUE	2080352043	2080353043	
							D	VIOLET	2080352044	2080353044	
	5	15.85	2.825	6.86	7.51	2.825	A	BLACK	2080352051	2080353051	AVAILABLE
							B	NATURAL	2080352052	2080353052	
							C	BLUE	2080352053	2080353053	
							D	VIOLET	2080352054	2080353054	
	6	17.65	3.725	7.76	8.41	3.725	A	BLACK	2080352061	2080353061	AVAILABLE
							B	NATURAL	2080352062	2080353062	
							C	BLUE	2080352063	2080353063	
							D	VIOLET	2080352064	2080353064	
	7	19.45	4.625	8.66	9.31	4.625	A	BLACK	2080352071	2080353071	INQUIRE FOR AVAILABILITY
							B	NATURAL	2080352072	2080353072	
							C	BLUE	2080352073	2080353073	
							D	VIOLET	2080352074	2080353074	
	8	21.25	5.525	9.56	10.21	5.525	A	BLACK	2080352081	2080353081	INQUIRE FOR AVAILABILITY
							B	NATURAL	2080352082	2080353082	
							C	BLUE	2080352083	2080353083	
							D	VIOLET	2080352084	2080353084	
	9	23.05	6.425	10.46	11.11	6.425	A	BLACK	2080352091	2080353091	INQUIRE FOR AVAILABILITY
							B	NATURAL	2080352092	2080353092	
							C	BLUE	2080352093	2080353093	
							D	VIOLET	2080352094	2080353094	
	10	24.85	7.325	11.36	12.01	7.325	A	BLACK	2080352101	2080353101	INQUIRE FOR AVAILABILITY
							B	NATURAL	2080352102	2080353102	
							C	BLUE	2080352103	2080353103	
							D	VIOLET	2080352104	2080353104	
	11	26.65	8.225	12.26	12.91	8.225	A	BLACK	2080352111	2080353111	INQUIRE FOR AVAILABILITY
							B	NATURAL	2080352112	2080353112	
							C	BLUE	2080352113	2080353113	
							D	VIOLET	2080352114	2080353114	
									PERFORMANCE MARK: S		

DOCUMENT STATUS	P1	RELEASE DATE	2021/08/09	15:18:48
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(6CKT SHOWN)

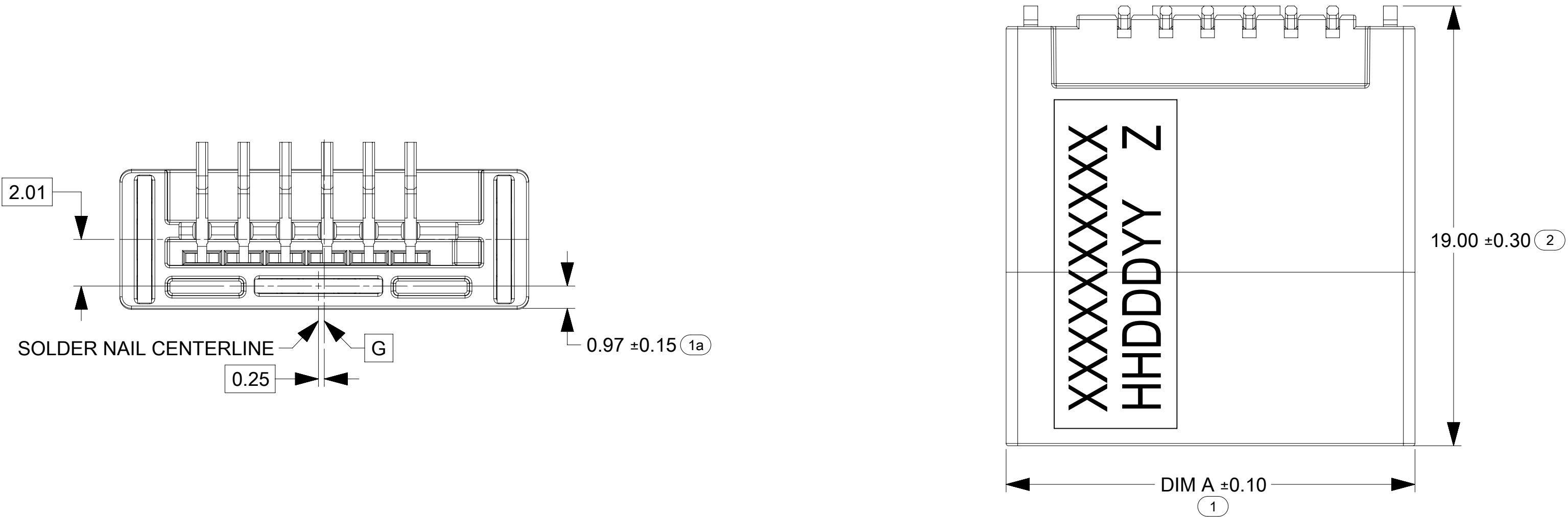


VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - 1.1 APPLICATION SPECIFICATION SEE: 2046310000-AS
 - 1.2 PRODUCT SPECIFICATION SEE: 2046310000-PS
 - 1.3 PACKAGING SPECIFICATION PER MOLEX DRAWING: 2080333021-PK
 - 1.3.1 PACKAGING IS TAPE & REEL
 - 1.4 COMPATIBLE WITH STANDARD AK INTERFACE C-114-94000-20 REV A1
 - 1.5 CONFORMS TO MOLEX AK INTERFACE 2046310001 REV A
 - 1.5.1 MOLEX AK INTERFACE IS PART OF PPAP
 - 1.6 TRACEABILITY MARKED IN AREA SHOWN. MARK IS CODED AS FOLLOWS:
ROW 1 ("XXXXXXXXXX" OR "XXXXXXXXXX-X"):
 - "XXXXXXXXXXXX" IS MOLEX PART NUMBER ("-X" INDICATES ASSEMBLY LINE NUMBER IF APPLICABLE)ROW 2 (HHDDDDYY Z)"
 - 1ST & 2ND DIGITS (HH): HOUR OF ASSEMBLY (24 HOUR CLOCK) (EXAMPLE: 15:00 --> "15", 7:00 --> "07")
 - 3RD THRU 5TH DIGITS (DDD): JULIAN DATE (EXAMPLE: FEBRUARY 3RD --> "034")
 - 6TH & 7TH DIGITS (YY): LAST 2 DIGITS OF CALENDAR YEAR (EXAMPLE: 2013 --> "13")
 - 8TH DIGIT (Z): PERFORMANCE MARKING.
2. DESIGN - MATERIALS:
 - 2.1 SHROUD (PLASTIC HOUSING): PA9T-GF30%
 - 2.2 PINS:
 - 2.2.1 STANDARD PERFORMANCE PINS
BASE MATERIAL: C26000 BRASS
UNDERPLATING (CONTACT REGION): NICKEL 1.0 -1.8 µm
OVERPLATING (CONTACT REGION): MATTE TIN: 1.0 - 3.0 µm
3. DESIGN - GEOMETRY:
 - 3.1 GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

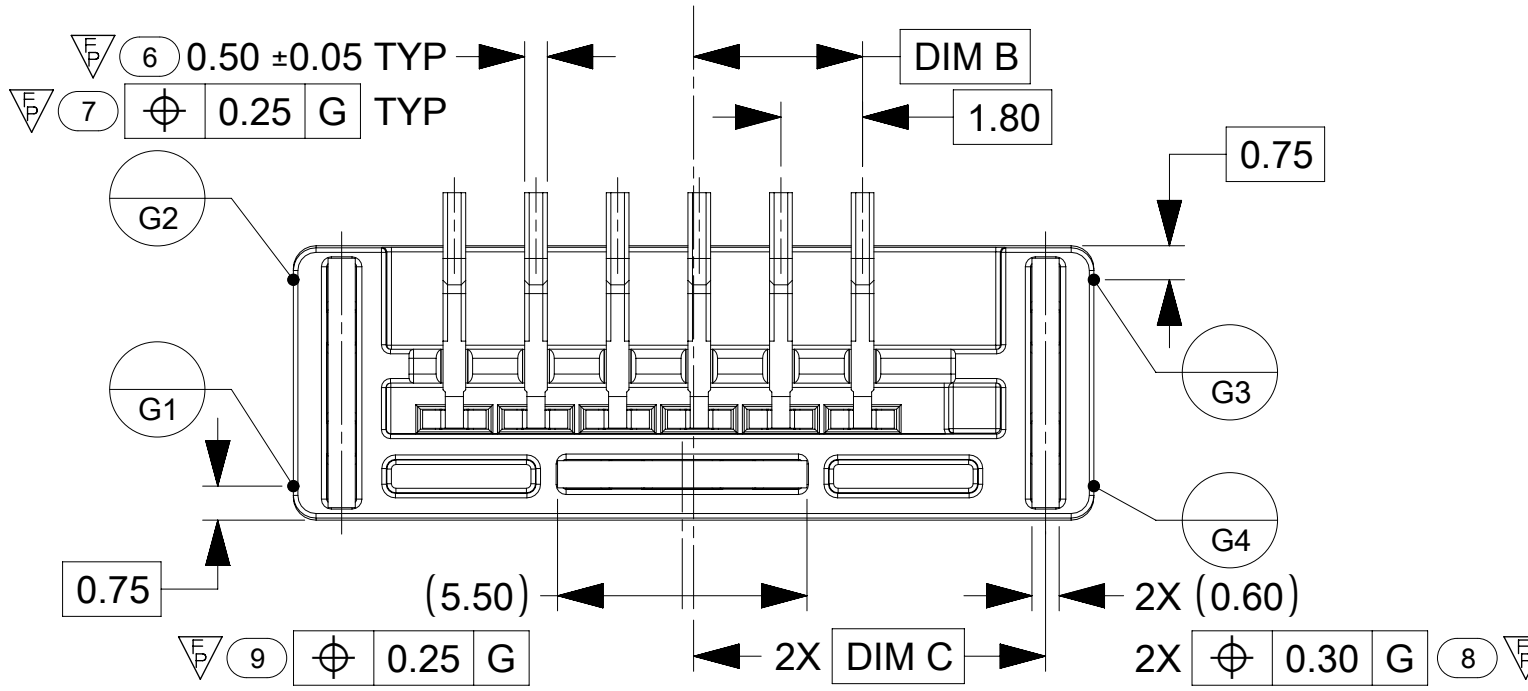
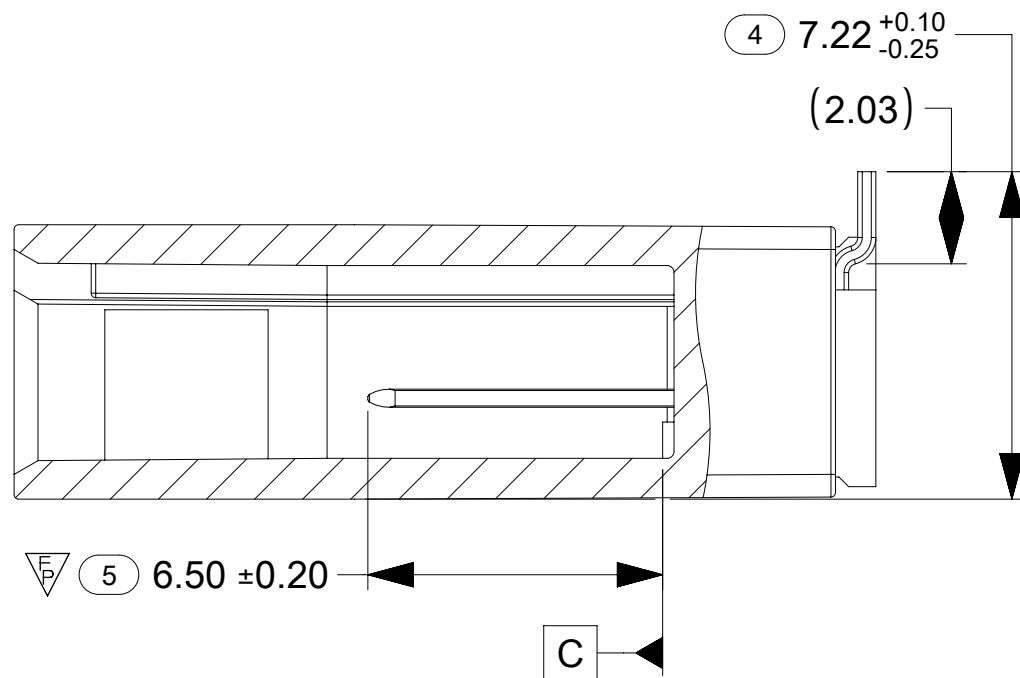
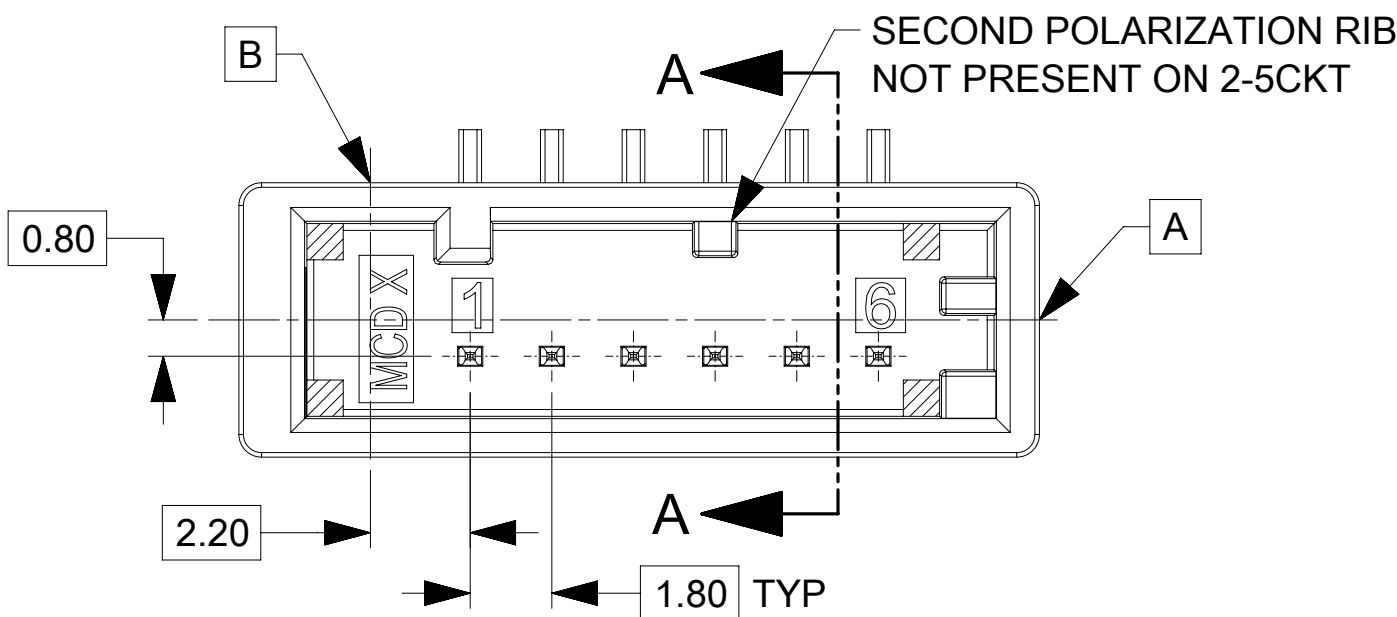
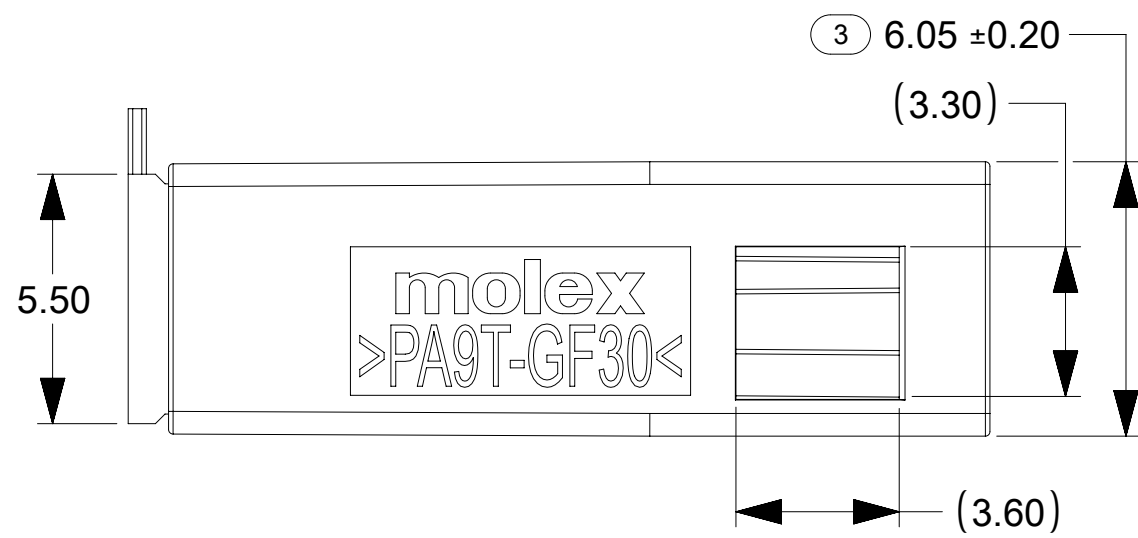
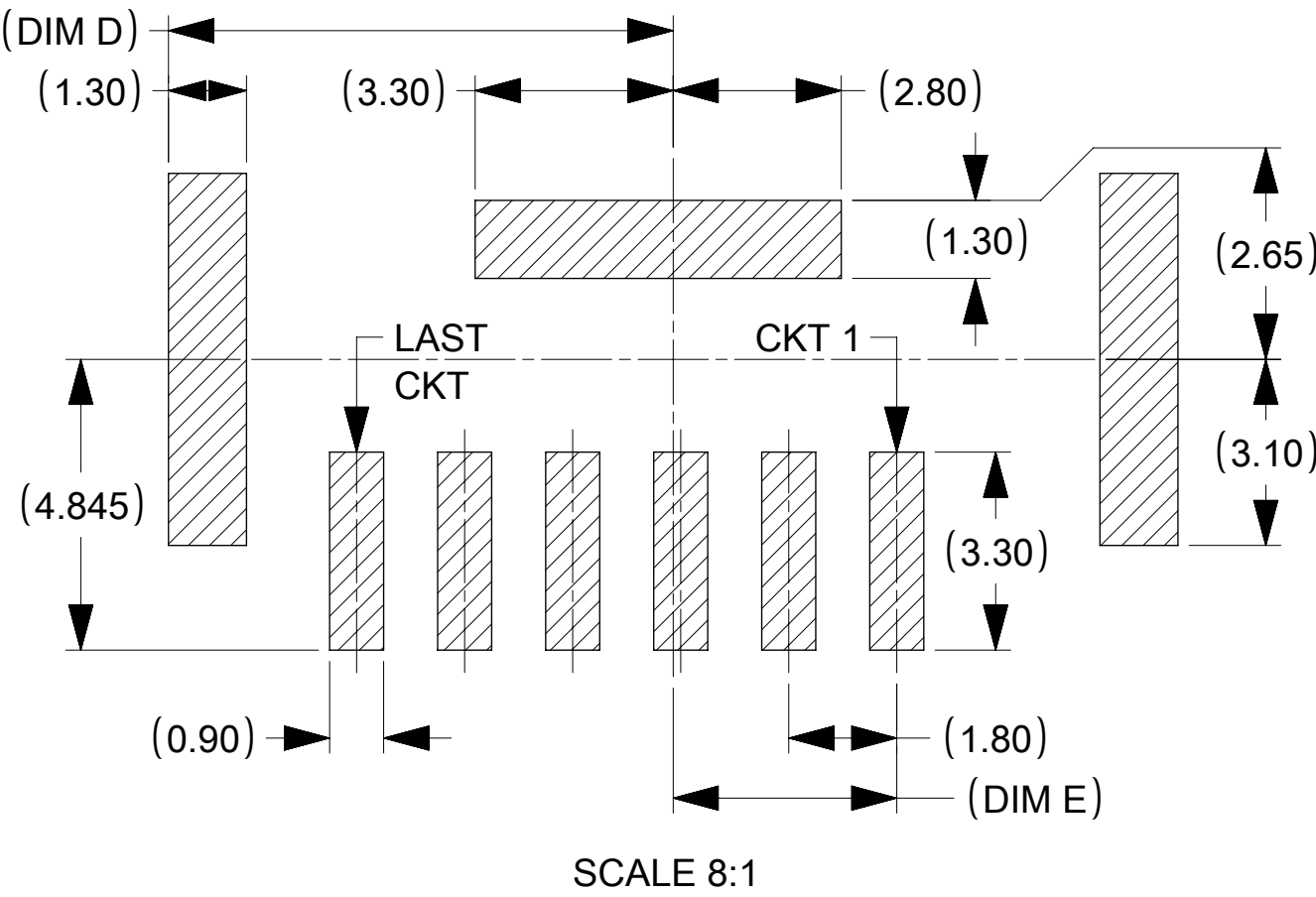
		B5		UPDATE: VIEWS FOR SWITCH TO PICKUP TAPE FROM CAP; POL B COLOR FROM GREY TO NATURAL			
		B4		NO CHANGE TO SALES DRAWING, CHANGED ENGINEERING AND ASSEMBLY DRAWING			
		B3		UPDATED TOLERANCE ON DIM 3 FROM 0.10 TO 0.20MM			
		B2		CHANGED CLEANBODY SERIES NUMBER IN THE TABLE			
		B1		ADDED DIM 1a			
INSPECTION BALLOON LOG		B		REMOVED DATUMS D, E, & F; ADDED DATUM G; UPDATED PCB LAYOUT; REMOVED HIGH PERFORMANCE PART NUMBERS; ADDED "NO CAP" PART NUMBERS; UPDATED STANDARD PERFORMANCE PLATING; RENUMBERED DIMENSIONS			
PER DRAWING REVISION: B5		A3		UPDATED TOLERANCE ON DIMS 1 & 5 FROM 0.20 TO 0.25MM; UPDATED DIM A; ADDED DIM 8			
LAST BALLOON USED: 10		A2		UPDATED DIM B (LATCH AREA WALL THICKNESS INCREASED BY 0.5MM), C, D & E			
ADDED BALLOON NUMBERS: 1a		A1		ADDED NOTE TO PCB LAYOUT			
REMOVED BALLOON NUMBERS:		REV		DESCRIPTION			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
DIMENSION UNITS		SCALE		molex			
mm		5:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC: EC NO: 672688 DRWN: KHEWITT2021/05/13 CHK'D: VBALASUBRAMA2021/08/09 APPR: JDUNAJ2021/08/09 INITIAL REVISION: DRWN: VBALASUBRAMA2018/11/29 APPR: JDUNAJ2019/04/15					
ANGULAR TOL						±°	
4 PLACES						±0.0	
3 PLACES						±0.0	
2 PLACES						±0.0	
1 PLACE						±0.0	
0 PLACES		±0.0					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING			
							
		D-SIZE		208035			
				MATERIAL NUMBER			
				SEE TABLE			
				CUSTOMER			
				GENERAL MARKET			
				SHEET NUMBER			
				1 OF 2			

6CKT KEY A (2080353061) SHOWN EXCEPT WHERE NOTED
REFER TO 2046310001 FOR INTERFACE DIMENSIONS

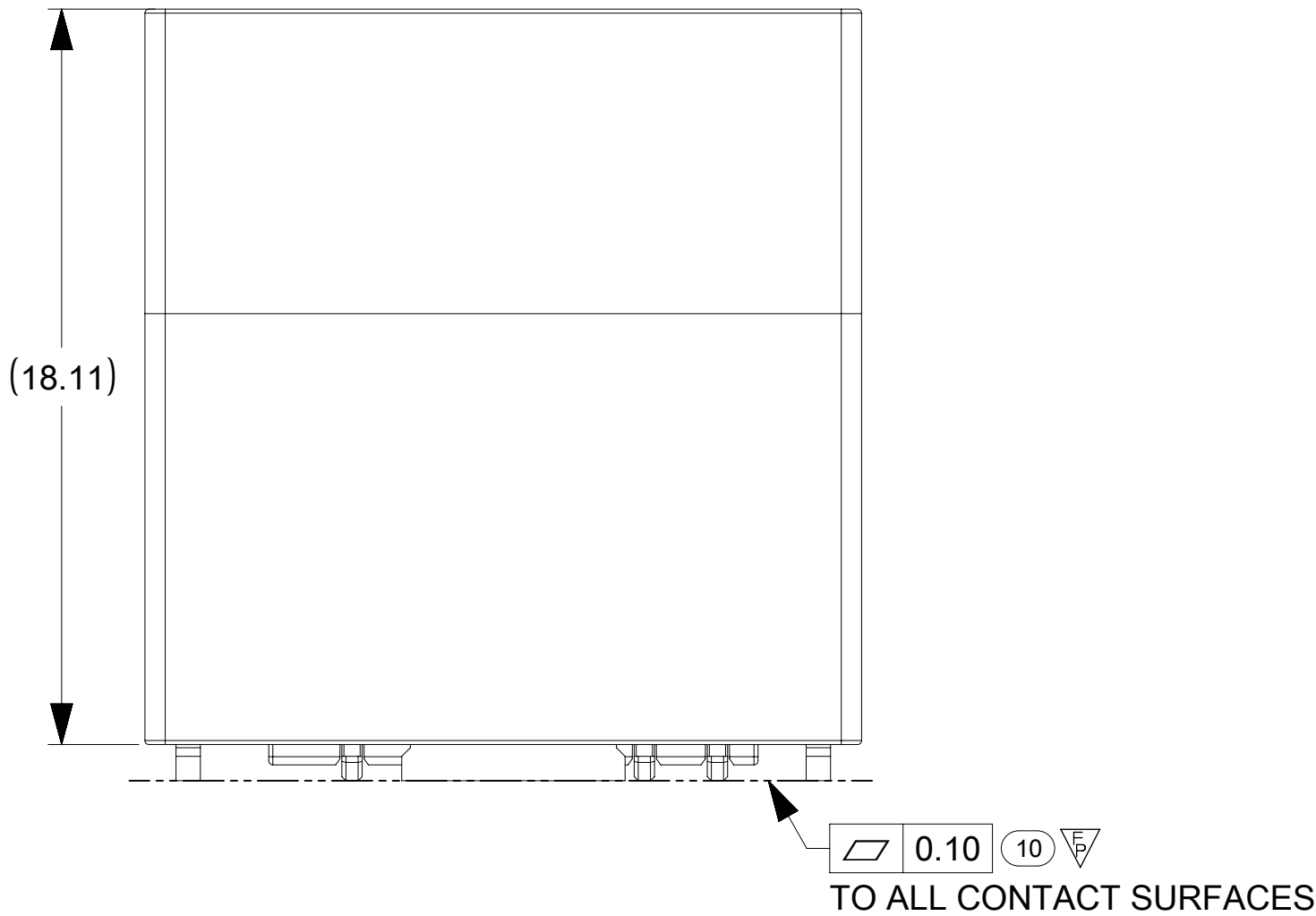
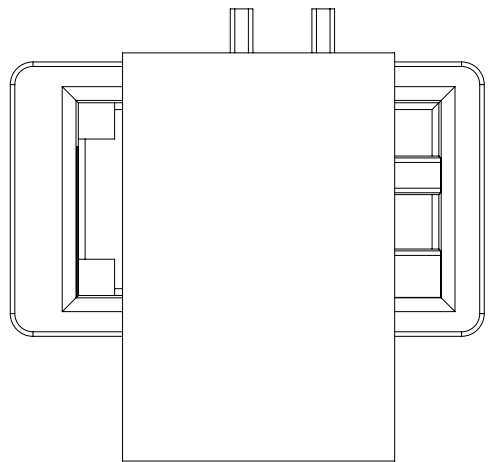


POSSIBLE PCB LAYOUT

LAND PATTERN SHOWN AT MMC

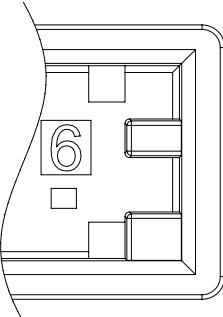


2CKT WITH TAPE
SHOWN FOR REFERENCE

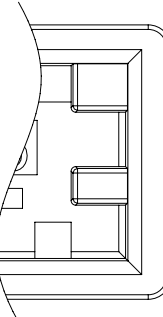


KEYING OPTIONS

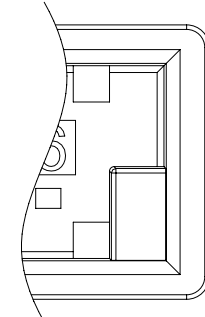
KEY A
(BLACK)



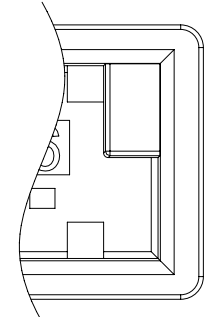
KEY B
(NATURAL)



KEY C
(BLUE)



KEY D
(VIOLET)



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:							
mm		6:1		molex CONNTAK50 SR VERT HDR SALES DRAWING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 2080350003 DRAWING D-SIZE SERIES 208035 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET DOC TYPE PSD DOC PART 000 REVISION B5 SHEET NUMBER 2 OF 2							
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± °									
4 PLACES		± 0.0									
3 PLACES		± 0.0		EC NO: 672688							
2 PLACES		± 0.0		DRWN: KHEWITT 2021/05/13							
1 PLACE		± 0.0		CHK'D: VBALASUBRAMA 2021/08/09							
0 PLACES		± 0.0		APPR: JDUNAJ 2021/08/09							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:				2021/11/29			
				DRWN: VBALASUBRAMA				2019/04/15			
				APPR: JDUNAJ							
THIRD ANGLE PROJECTION				DRAWING				SERIES			
											