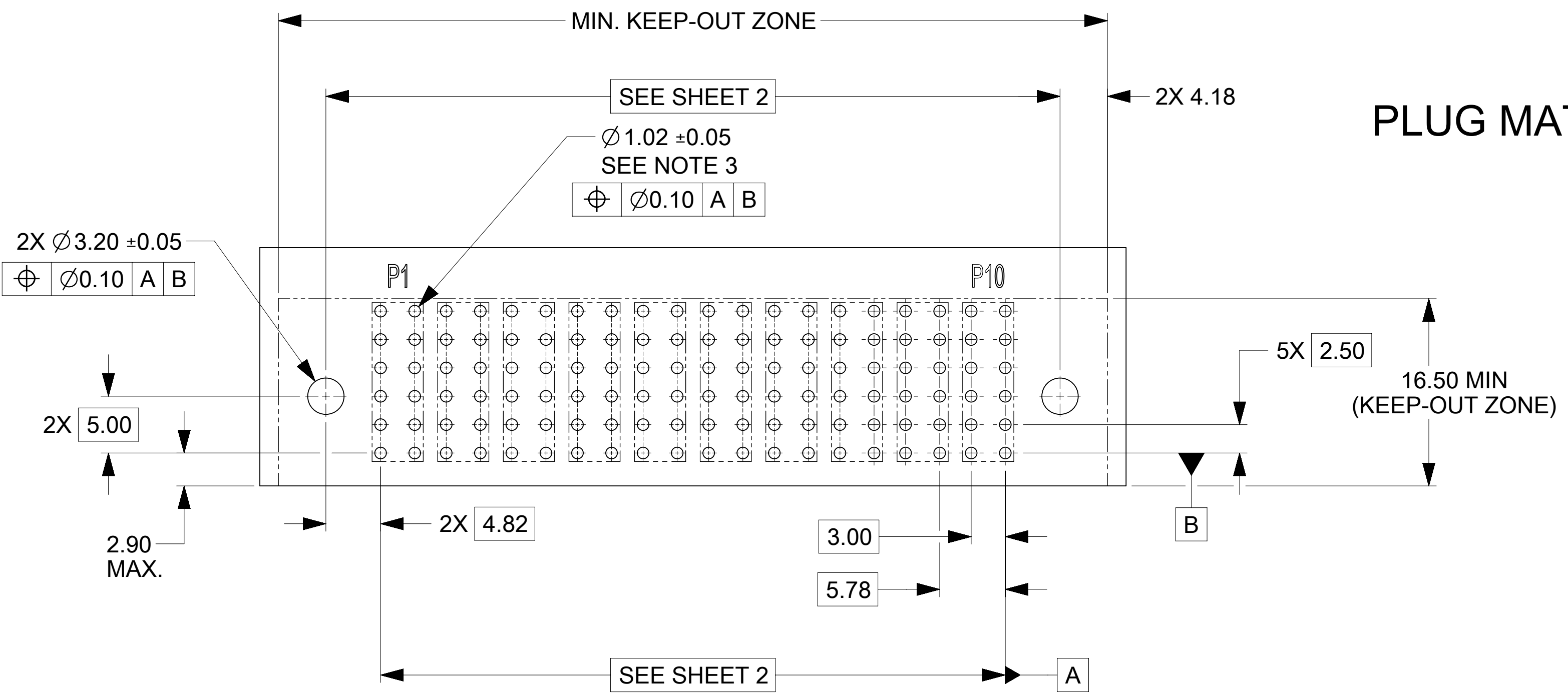
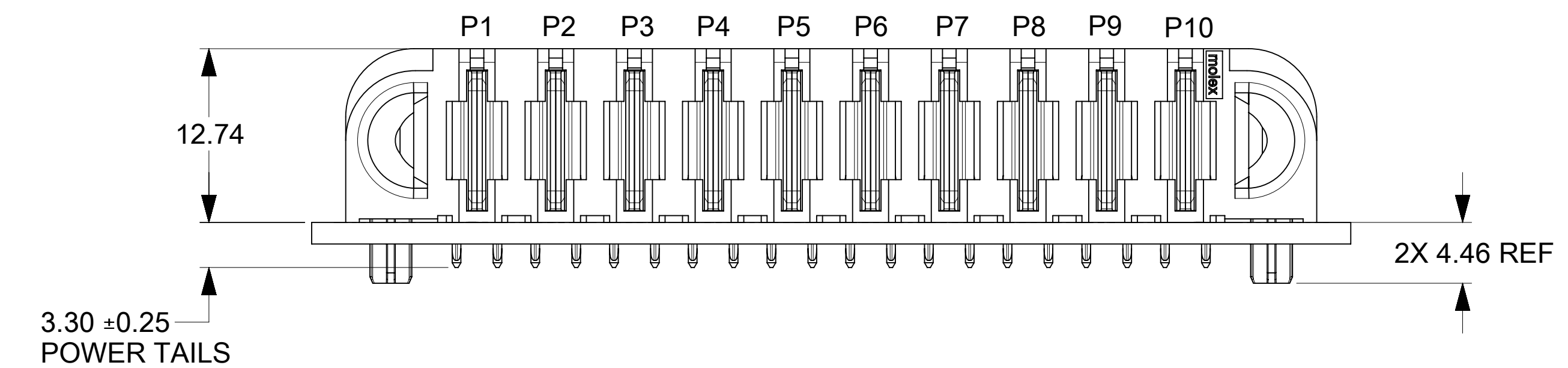
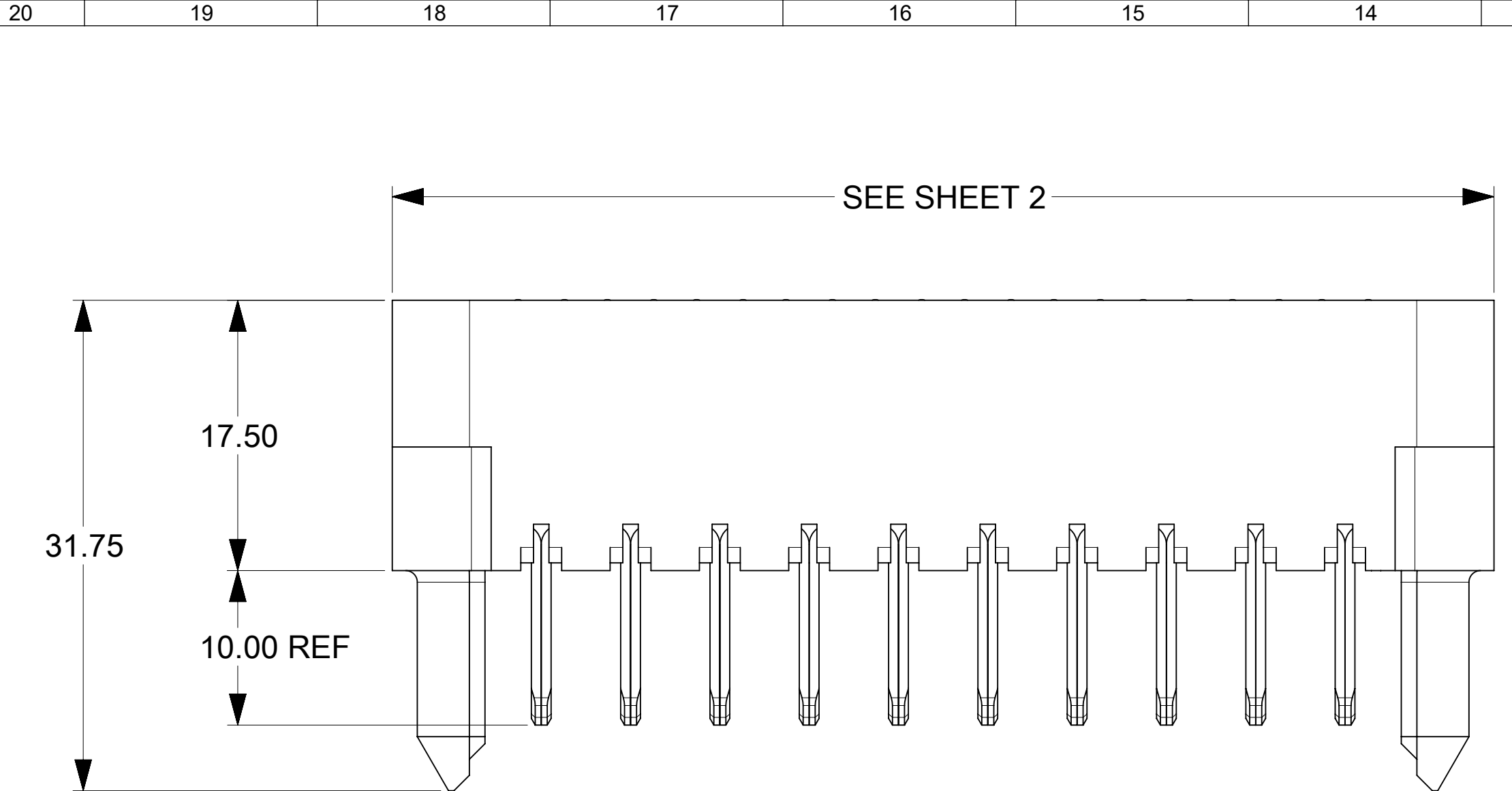
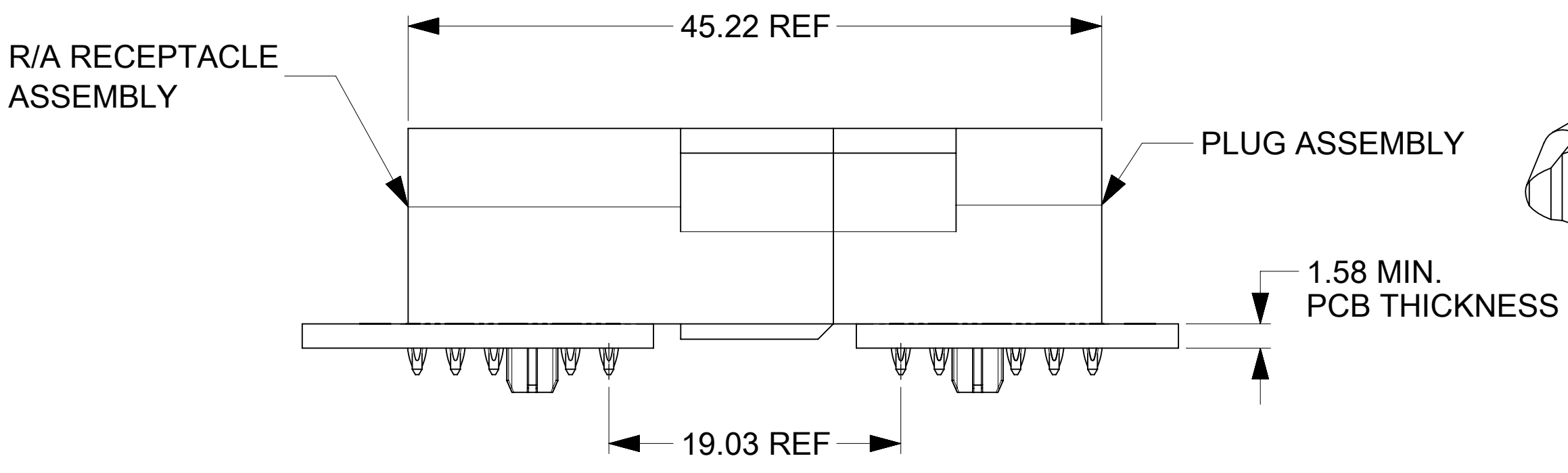
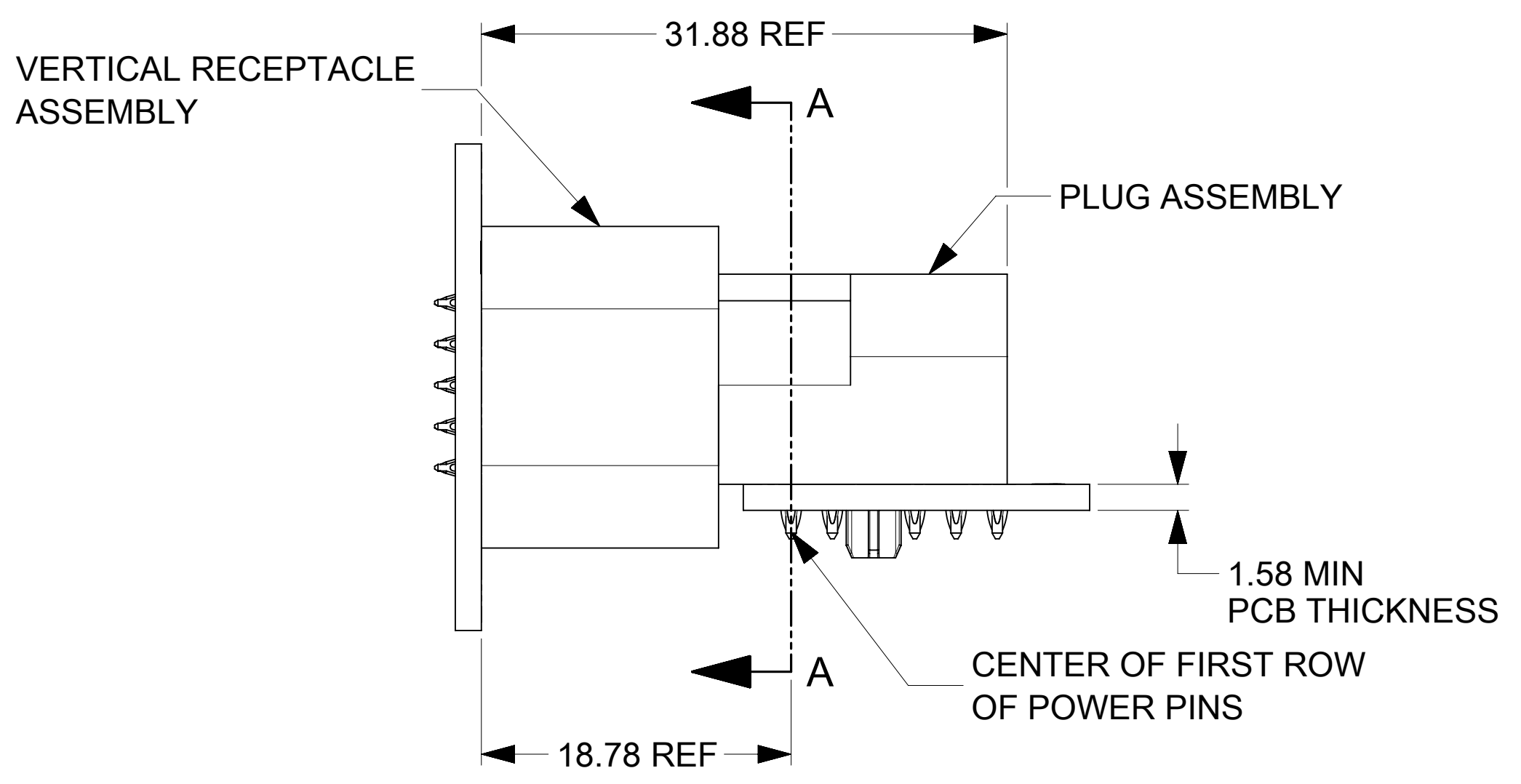




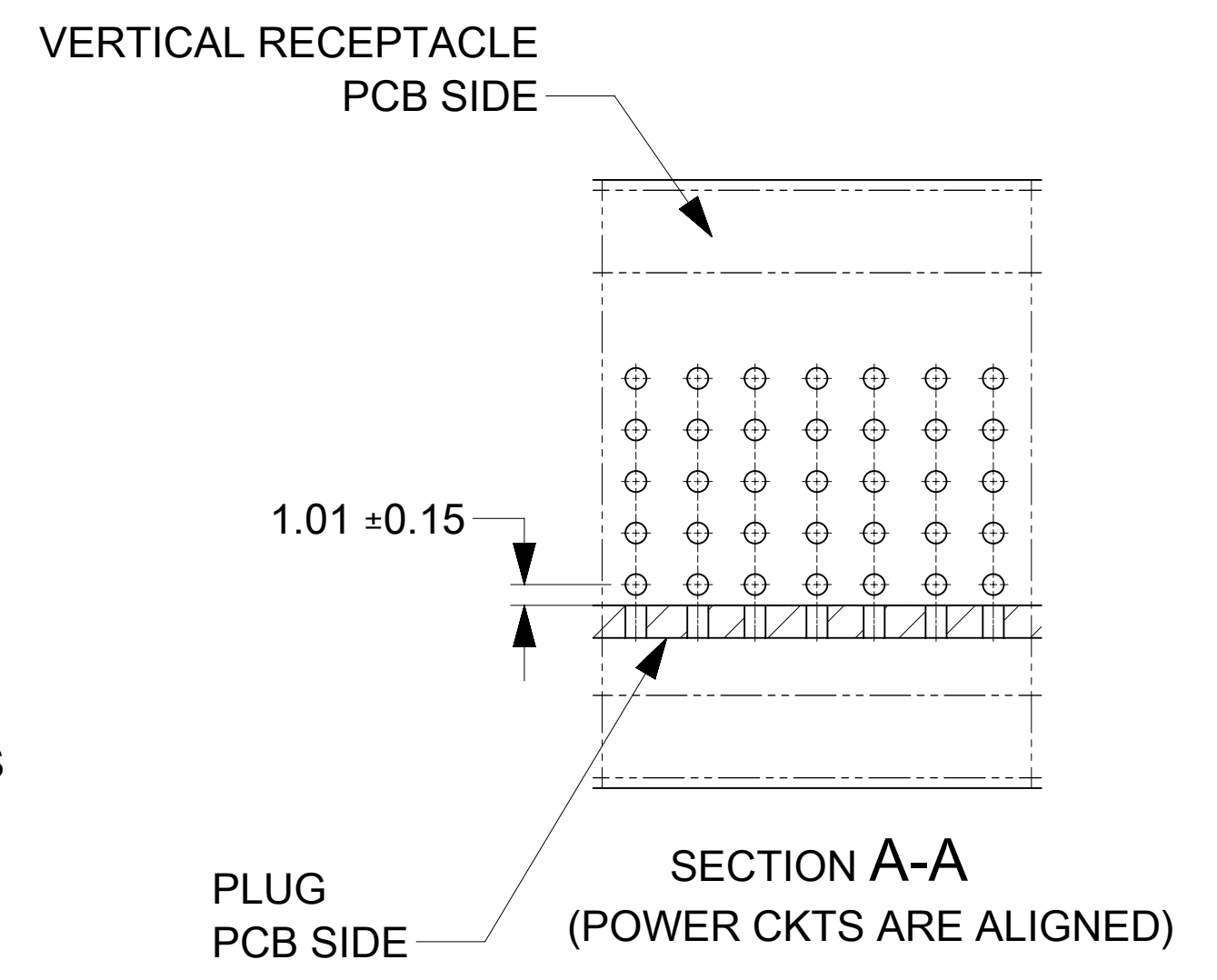
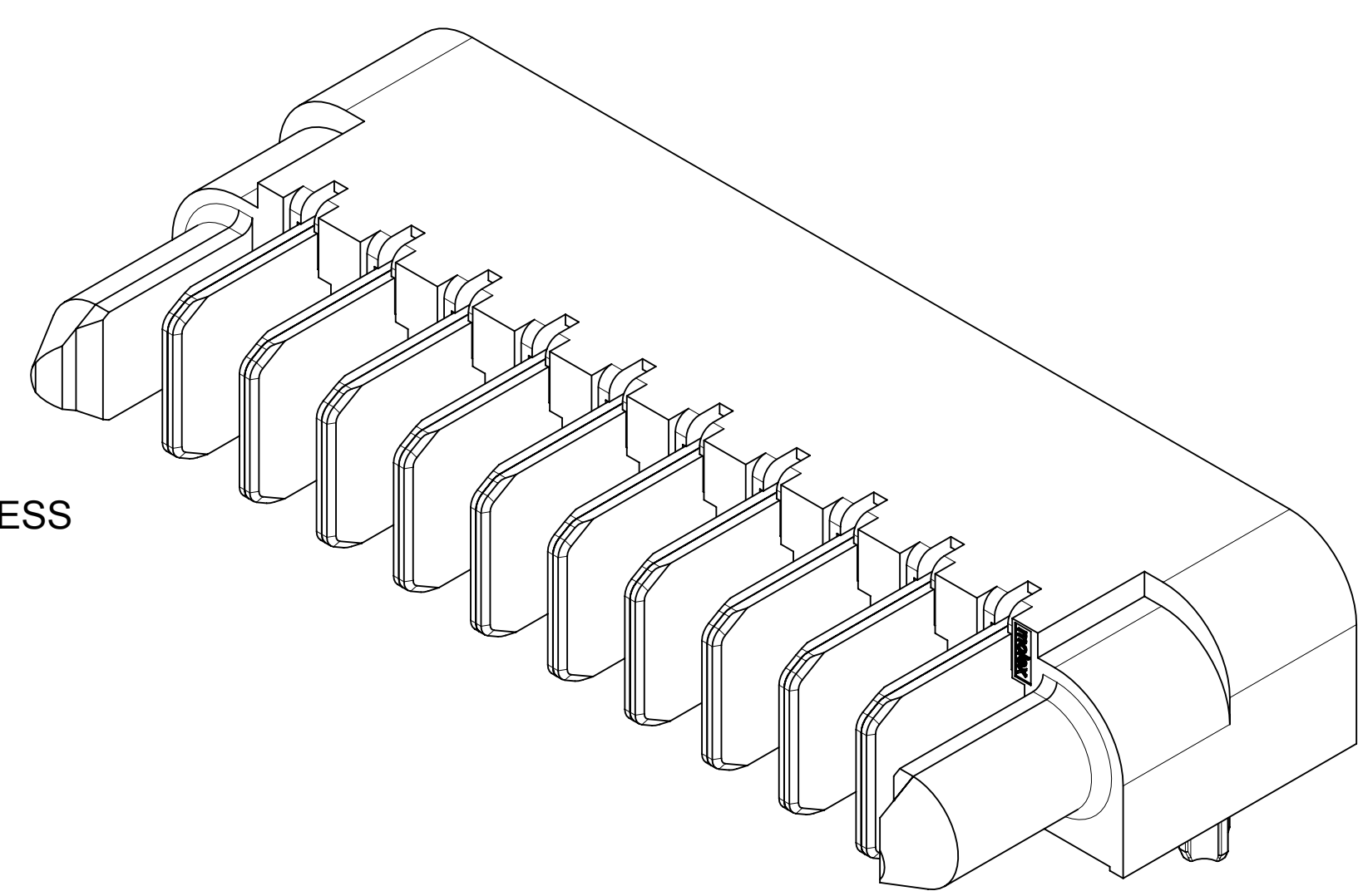
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE



PLUG MATED TO R/A RECEPTACLE MATED PROFILE



PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE



- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH 2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND 0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141130010-PK.
 - PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
 - PRODUCT SPEC: 2141130000-PS.
 - PRODUCT TO MEET RoHS REQUIREMENTS.
 - PLUG ASSEMBLY MATES TO MOLEX RECEPTACLES 219563XXXX-SD AND 219564XXXX-SD, SEE DRAWINGS FOR DETAILS.
 - TAIL DESIGN: COMPLIANT PIN.
 - POWER TERMINALS ARE LUBRICATED.
 - APPLICATION SPECIFICATION: 2141130000-AS (FOR COMPLIANT TAILS ONLY).

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:				molex				
mm		3:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				GUARDIAN HD RA PLUG POWER ONLY PF								
ANGULAR TOL ± °												
4 PLACES		±		EC NO: 745288				2023/03/09				
3 PLACES		±		DRWN: LZABJANOVSKI								
2 PLACES		± 0.25		CHK'D: JAYK1				2023/04/10				
1 PLACE		± 0.3		APPR: JAYK1				2023/04/10				
0 PLACES		±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
								2195629000-SD		PSD	000	A1
				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				D-SIZE		219562		SEE CHART				1 OF 2

