NOTES (UNLESS SPECIFIED OTHERWISE):

1.0 DESCRIPTION AND APPLICATION:
1.1 DIE CUT PART TO BE USED IN A COMMERCIAL PRODUCT (INDOOR USE).

2.0 APPLICABLE DOCUMENTATION:
2.1 INTERPRET DRAWING PER ASME Y14.5-2009 DIMENSIONING AND TOLERANCING STANDARDS.

3.0 MECHANICAL REQUIREMENTS:
3.1 DIMENSIONS ARE IN MILLIMETERS (MAXIMUM MATERIAL CONDITION).
3.2 ALL DIMENSIONS SHOWN SHALL BE CHECKED DURING FIRST ARTICLE INSPECTION. FAI MUST BE APPROVED FOR THE SPECIFIC REVISION OF THIS PART PRIOR TO SHIPMENT OF PARTS.
3.3 FOR GEOMETRY NOT EXPLICITLY DESCRIBED IN DRAWING REFER TO 3D DATABASE.
3.4 DRAWING AND 3D DATABASE REPRESENT FINAL PART AFTER ALL POST PROCESSING, TRIMMING, MACHINING, AND FINISHING.
3.5 DIMENSIONS INDICATED BY (X.XX) ARE PROCESS CONTROL/MONITORING DIMENSIONS.
3.6 DIMENSIONS IN PARENTHESIS "(X.XX)" OR MARKED REFERENCE "X.XX REF" ARE DIMENSIONS WITHOUT TOLERANCE AND ARE FOR INFORMATION PURPOSE ONLY.
3.7 UNLESS OTHERWISE NOTED, GENERAL TOLERANCES:
3.7.1 CUTS, HOLES, AND SLOTS: +/-0.05 MM.
3.7.2 ANGULAR TOLERANCES: +/- 2°
3.8 PARTS SHALL BE FREE OF ALL FOREIGN MATERIAL, INCLUDING BUT NOT LIMITED TO: GREASE, DIRT, CHIPS, OIL, AND OTHER CONTAMINANTS.

4.0 TOOLING REQUIREMENTS:
4.1 TOOL TO BE PROPERTY OF VOTINGWORKS AND TO BE PERMANENTLY MARKED WITH COMPANY NAME, PART NUMBER, AND PART NAME.

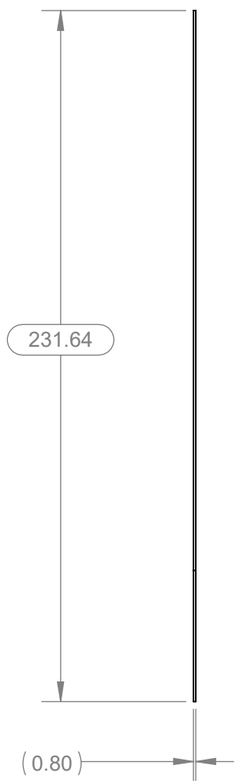
5.0 INSPECTION & SHIPPING REQUIREMENTS:
5.1 VERIFY PART SAMPLES CONFORM TO DESIGN REQUIREMENTS USING STANDARD TEST EQUIPMENT AND VISUAL INSPECTION TECHNIQUES.
5.2 PACKAGING FOR SHIPMENT: PART SHALL BE ADEQUATELY PROTECTED TO PREVENT DAMAGE IN TRANSIT AND HANDLING.
5.3 VENDOR TO SUPPLY WITH EACH SHIPMENT: MATERIAL CERTIFICATION, SHIPPER DOCUMENTS WITH PART NUMBER, PART NAME, REVISION, LOT NUMBER, QUANTITY AND P.O. NUMBER.
5.4 PACKAGING LABELS AND MATERIAL TRACEABILITY MUST CONFORM TO UL 746D.

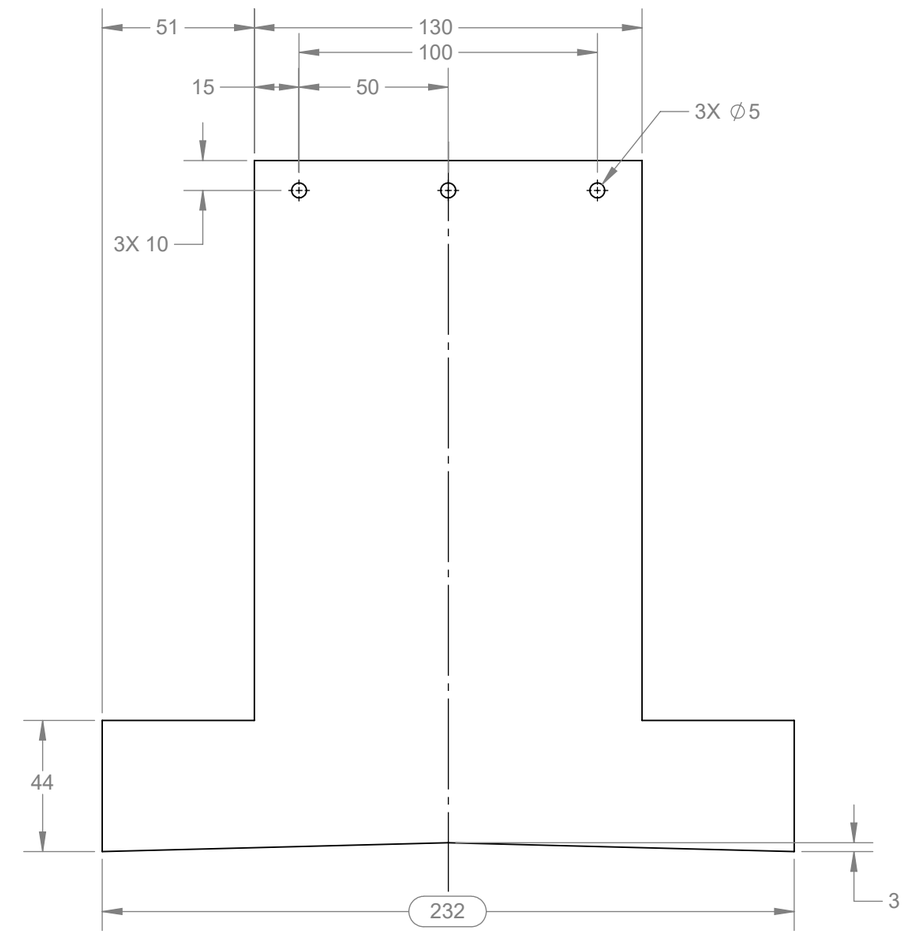
6.0 MATERIAL REQUIREMENTS:
6.1 MATERIAL: DELRIN ACETAL PLASTIC (OR APPROVED EQUIVALENT)
6.2 THICKNESS: 0.79MM (0.03 INCHES)
6.3 COLOR: BLACK
6.4 FINISH: MATTE, DRY MEDIA BLAST
6.4 VENDOR TO SUBMIT MSDS AND MATERIAL SPECIFICATIONS FOR APPROVAL BY PUMP STUDIOS AND/OR VOTINGWORKS PRIOR TO MANUFACTURING FIRST ARTICLE PARTS.
6.5 NO CHANGES SHALL BE ALLOWED ON PRODUCTION MATERIAL, REGARDLESS OF WHETHER SUCH CHANGE AFFECTS CHARACTERISTICS, WITHOUT PRIOR EXPLICIT APPROVAL BY PUMP STUDIOS AND/OR VOTINGWORKS.

7.0 APPROVALS:
7.1 SUPPLIER IS RESPONSIBLE TO ENSURE THIS PART OR ASSEMBLY IS FULLY COMPLIANT WITH THE EUROPEAN UNION (EU) RESTRICTION OF HAZARDOUS SUBSTANCES (ROHS) DIRECTIVE 2002/95/EC, LATEST REVISION, AT TIME OF SHIPMENT.
7.2 SUPPLIER WILL FURNISH A CERTIFICATION OF COMPLIANCE (C OF C) WITH FIRST ARTICLES WHEN SPECIFICALLY REQUESTED.

REVISIONS

REV.	DESCRIPTION	CR #	DATE	SUBMITTED BY
A	INITIAL RELEASE	-	10/3/2024	GJK
B	UPDATED FRONT EDGE PROFILE	-	10/31/2024	EER





MATERIAL: SEE NOTES	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DO NOT SCALE DRAWING	VotingWorks		
FINISH: SEE NOTES	TOLERANCES: SEE NOTES			
COLOR: SEE NOTES	THIRD ANGLE PROJECTION	DESCRIPTION: LOCKOUT FLEX		
EST. WEIGHT: 38.02	APPROVED BY: EER			
ENGINEER: DBC	APPROVED DATE: 11/15/2024	PART NUMBER: VX~02-00062		REV. B
RELEASE DATE: 10/31/2024	CAD TYPE: MANUFACTURED PART	SIZE: B	SCALE: 1:2	SHEET: 1 OF 1