NOTES:

UNLESS OTHERWISE SPECIFIED:

1. **CAD:** USE TL-400-0101-002.DXF FOR TOOLING AND MANUFACTURE. THIS DRAWING WAS GENERATED FROM A CAD DATABASE. QUERY CAD FILE FOR BASIC DIMENSIONS. IF A CONFLICT EXISTS BETWEEN THIS DOCUMENT AND ANY REFERENCED DOCUMENT, THIS ONE TAKES PRECEDENCE.

2. **DIMENSIONING:** ALL DIMENSIONS ARE IN MM. DIMENSIONING AND TOLERANCING ARE PER ASME Y14.5-1994.

3. **TOLERANCES:** UNLESS OTHERWISE STATED, FEATURE SIZE AND POSITIONAL TOLERANCES ARE AS FOLLOWS:

```
X        ± 0.50 MM
X.X      ± 0.50 MM
X.XX     ± 0.50 MM
ANGLES   ± 2°
WALL THICKNESSES: +0.00 MM / - 0.30 MM
```

4. **EXTRUSION LENGTH:** EXTRUSIONS SHALL BE FURNISHED AT 1 METER ± 5 MM LENGTH.

5. **MATERIAL:** ALUMINUM, 6063-T5, OR TAM LABS ENGINEERING APPROVED EQUIVALENT.

6. **VOLUMETRIC DATA:** FOR QUOTATION USE ONLY: CROSS SECTION AREA: 113.6 MM^2. WEIGHT PER 1 METER SECTION: 307 GRAMS.

7. **FINISH:** ANODIZE PER PURCHASE ORDER INSTRUCTIONS.

8. **WORKSMANSHIP:** TWIST SHALL NOT EXCEED 3/4° PER METER. EXTRUSION SHALL BE FLAT WITHIN 1MM PER METER. MAXIMUM ALLOWABLE DEPTH OF SURFACE DEFECT: 0.1MM.

9. **PART CLEANINESS:** REMOVE ALL BURRS & SHARP CORNERS. CLEAN OFF ALL OILS, DIRT, OR OTHER CONTAMINANTS

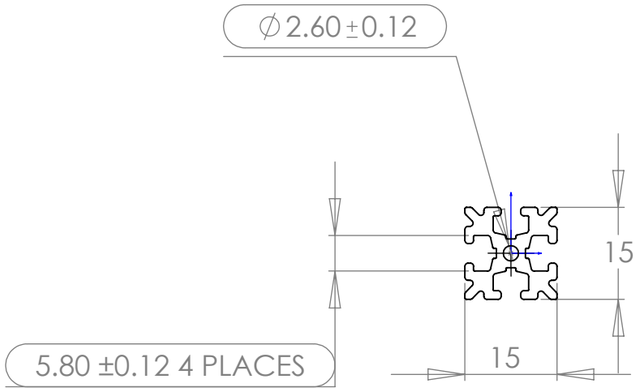
10. **INSPECTION DIMENSIONS:** DIMENSIONS IN OVALS SHALL BE INSPECTED AT INCOMING INSPECTION.

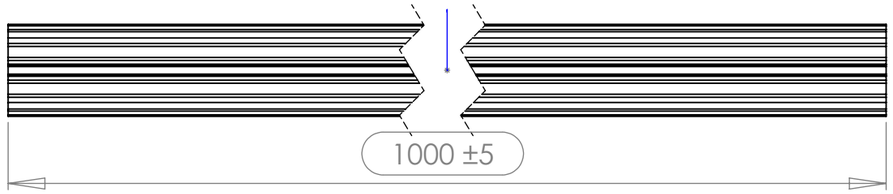
11. **RoHS COMPLIANCE:** THIS COMPONENT SHALL COMPLY WITH THE EU 2002/95/EC (RoHS) AND EU 2002/96/EC (WEEE) DIRECTIVES

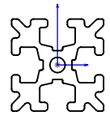
12. **CONTROLLED DRAWING:** NO CHANGES TO THIS DRAWING ALLOWED WITHOUT PRIOR APPROVAL FROM TAM LABS, LLC.

REVISIONS

REV	DESCRIPTION OF CHANGE	DATE
02	DESIGN RELEASE INTO CREATIVE COMMONS, TIGHTENED FLATNESS TOLERANCE	2013.06.09







1:1 SCALE FOR DXF GENERATION

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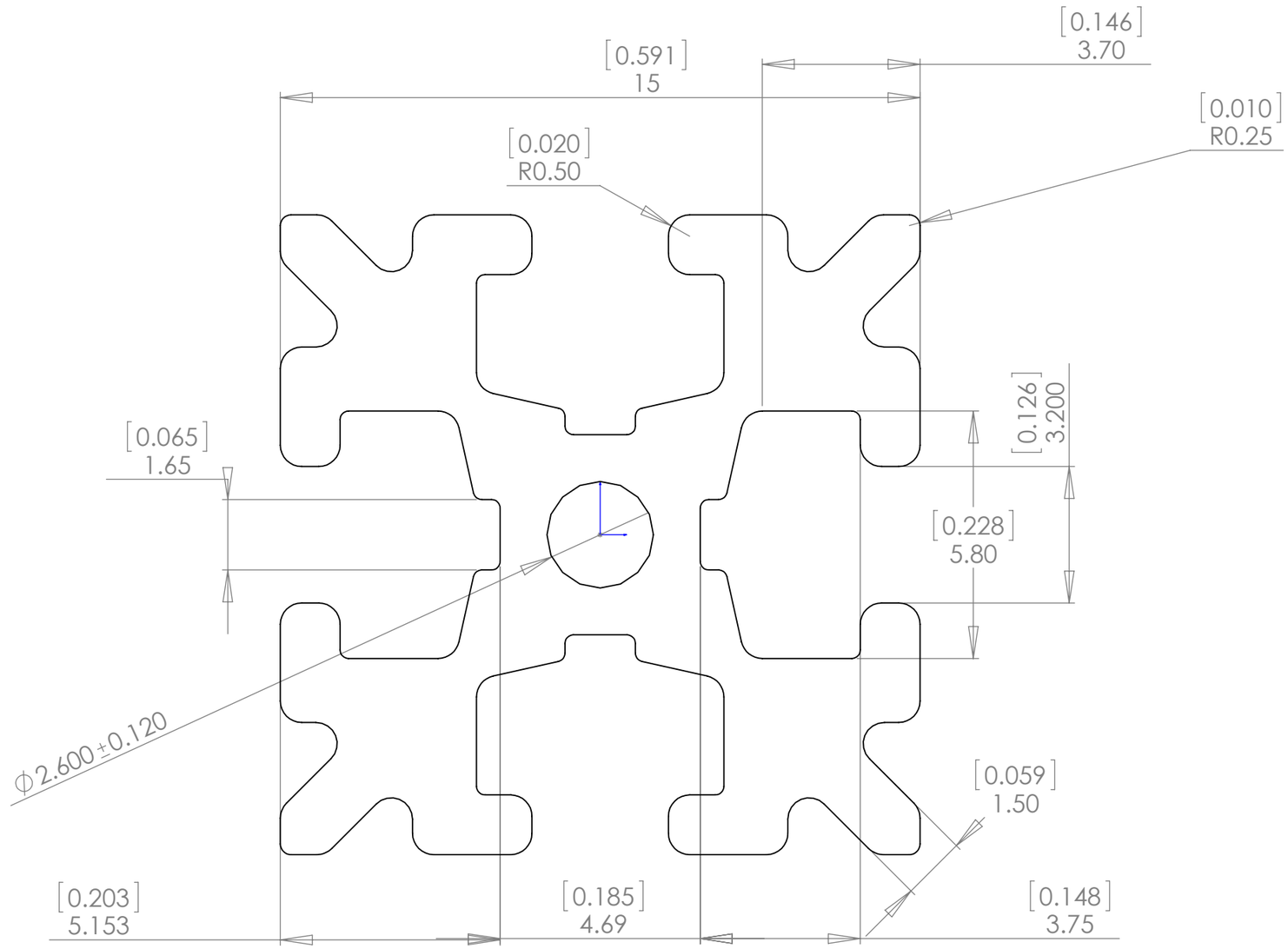
TOLERANCES:	TITLE:			
REFER TO NOTES FOR TOLERANCE INFORMATION.	EXTRUSION, OPENBEAM 1515 V2			
SIZE:	ENGINEER:	TERENCE T.S. TAM	PART NUMBER:	REV
A3	DRAWN BY:		TL-400-0101-002	02
	DATE CREATED:			

CAD: SOLIDWORKS **SCALE:** 1:1 **FILE NAME:** TL-400-0101-002

REVISIONS
SEE REVISION BLOCK ON PAGE 1



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