



NOTE: THE 6-32 SCREWS ARE MOUNTED TO PLATE BEFORE PLATE IS MOUNTED TO MINI-V GANTRY. ALSO THE LASER MUST BE MOUNTED TO PLATE BY 4X NUMBER 10 SCREWS NUTS AND WASHERS. FINALLY, LASER DRIVER IS MOUNTED BETWEEN TWO NUTS ON THE 6-32 SCREWS.

ITEM NO.	PART NUMBER	QTY.
1	LASER_PLATE	1
2	FREAKIN_LASER_MOUNT	1
3	LASER_DRIVER_APPROXIMATE_MODEL	1
4	M5 x 10	4
5	6-32_2IN_FH_SCREW	2
6	MINI_V_GANTRY	1



**Mechanical & Aerospace
ENGINEERING**
Utah State University

PROJECT:
PLED TEAM

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CHECKED BY: Z.GARRARD

APPROVED BY: C.WOOD

DATE APPROVED: 4/26/2016

SHEET SCALE: 1:2

SHEET NUMBER: 1 of 1

SPECIFICATIONS AND TOLERANCES

UNLESS OTHERWISE NOTED
DRAWING ARE CREATED IN ACCORDANCE TO ASME Y14.5-2009

DEFAULT DIMENSIONAL TOLERANCES:
LINEAR DIMENSIONS [inches]: X±.5, X.X±.1, X.XX±.03, X.XXX±.005
ANGULAR DIMENSIONS [degrees]: X±3, X.X±.5, X.XX±.1
MINIMUM SURFACE FINISH: 1000 microinches

PART/ASSEM NAME: LASER ASSEMBLY

PART/ASSEM NUMBER: -

MATERIAL: -

FINISH: -