



**6" Flat Bleed Single Face Tension Body
Part #2233**

Alloy = 6063-T6
 Area = 2.014 in²
 Perimeter = 35.18 in
 Centroid,with respect to Sketch Origin(in)
 X = 4.073
 Y = 1.481
 Inertia with respect to Sketch Origin(in):
 Inertia Tensor(in⁴)
 Ixx = 5.53
 Ixy = 11.257
 Iyx = 11.257
 Iyy = 38.21
 Polar Moment of Inertia = 43.74 in⁴
 Area Moments of Inertia with respect to Principal Axes(in⁴):
 Ix = 0.906
 Iy = 5.001
 Polar Moment of Inertia = 5.907 in⁴
 Section Modulus with respect to Principal Axes (in³):
 Sx = 0.612
 Sy = 1.228
 Rotation Angle from projected Sketch Origin to Principal Axes(degrees):
 About z axis = -12.94
 Radii of Gyration with respect to Principal Axes(in):
 R1 = 0.671
 R2 = 1.576

THIS DRAWING WAS CREATED AT NO CHARGE TO ASSIST YOU IN VISUALIZING OUR PROPOSAL. THE DRAWING HEREIN IS THE PROPERTY OF SIGNCOMP. PERMISSION TO COPY OR REVISE THIS DRAWING OR TO USE THIS DRAWING FOR PRODUCTION IS STRICTLY PROHIBITED AND CAN ONLY BE COPIED, REVISED OR USED FOR PRODUCTION WITH THE EXPRESSED WRITTEN PERMISSION OF SIGNCOMP.

Project Name:	6" Flat Bleed Single Face Tension Body		
Sign Company:	2233	Revision:	
Part #:		Date:	8/9/2016
Sheet:	1 of 1	Drawing By:	SBreihof
Size:	A	SignComp	