



## Menu External Divider

### Part #1806

Alloy = 6063-T6

Area = 0.762 in<sup>2</sup>

Perimeter = 14.746 in

Centroid, with respect to Sketch Origin(in)

X = 1.046

Y = 1.603

Inertia with respect to Sketch Origin(in):

Inertia Tensor(in<sup>4</sup>)

I<sub>xx</sub> = 2.581

I<sub>xy</sub> = 1.278

I<sub>yx</sub> = 1.278

I<sub>yy</sub> = 0.974

Polar Moment of Inertia = 3.555 in<sup>4</sup>

Area Moments of Inertia with respect to Principal Axes(in<sup>4</sup>):

I<sub>x</sub> = 0.623

I<sub>y</sub> = 0.14

Polar Moment of Inertia = 0.762 in<sup>4</sup>

Section Modulus with respect to Principal Axes(in<sup>3</sup>)

S<sub>x</sub> = 0.389

S<sub>y</sub> = 0.134

Rotation Angle from projected Sketch Origin to Principal Axes(degrees):

About z axis = -0.01

Radii of Gyration with respect to Principal Axes(in):

R<sub>1</sub> = 0.904

R<sub>2</sub> = 0.428

Project Name:	Sign Company:	Date:	Revision:	Sheet:	Size:	Drawing By:
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