



## Menu Internal Divider Part #1807

Alloy = 6063-T6

Area = 0.302 in<sup>2</sup>

Perimeter = 6.89 in

Centroid, with respect to Sketch Origin(in)

X = 0.478

Y = 0.5

Inertia with respect to Sketch Origin(in):

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

I<sub>xx</sub> = 0.09

I<sub>xy</sub> = 0.072

I<sub>yx</sub> = 0.072

I<sub>yy</sub> = 0.103

Polar Moment of Inertia = 0.193 in<sup>4</sup>

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

I<sub>x</sub> = 0.015

I<sub>y</sub> = 0.034

Polar Moment of Inertia = 0.048 in<sup>4</sup>

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

S<sub>x</sub> = 0.030

S<sub>y</sub> = 0.071

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

About z axis = 0

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

R<sub>1</sub> = 0.221

R<sub>2</sub> = 0.334