

Menu 5" Single Face Body Part #1802

Allov = 6063-T6

Area = 1.097 in^2

Perimeter = 21.308 in

Centroid, with respect to Sketch Origin(in)

X = 2.422

Y = 0.473

Inertia with respect to Sketch Origin(in):

Inertia Tensor(in^4)

Ixx = 0.588

Ixy = 1.326

Iyx = 1.326

 $\dot{I}_{yy} = 9.392$

Polar Moment of Inertia = 9.98 in^4

Area Moments of Inertia with respect to Principal Axes(in^4):

Ix = 0.341

Iy = 2.958

Polar Moment of Inertia = 3.299 in^4

Section Modulus with respect to Principal Axes(in^3)

Sx = 0.721

Sy = 1.221

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

About z axis = 1.51

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

R1 = 0.557

R2 = 1.642

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