



Menu Door Frame

Part #1804

Alloy = 6063-T6

Area = 0.436 in²

Perimeter = 8.607 in

Centroid,with respect to Sketch Origin(in)

X = 0.456

Y = 0.678

Inertia with respect to Sketch Origin(in):

Inertia Tensor(in⁴)

Ixx = 0.266

Ixy = 0.128

Iyx = 0.128

Iyy = 0.141

Polar Moment of Inertia = 0.407 in⁴

Area Moments of Inertia with respect to Principal Axes(in⁴):

Ix = 0.069

Iy = 0.048

Polar Moment of Inertia = 0.116 in⁴

Section Modulus with respect to Principal Axes(in³)

Sx = 0.102

Sy = 0.105

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

About z axis = 20.09

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

R1 = 0.397

R2 = 0.331