



## 6" Flat Bleed Single Face Tension Cover Part #2238

Alloy = 6063-T6  
 Area = 0.498 in<sup>2</sup>  
 Perimeter = 12.404 in  
 Centroid, with respect to Sketch Origin(in)  
 X = 2.931  
 Y = 0.151  
 Inertia with respect to Sketch Origin(in):  
 Inertia Tensor(in<sup>4</sup>)  
 Ixx = 0.012  
 Ixy = 0.222  
 Iyx = 0.222  
 Iyy = 5.655  
 Polar Moment of Inertia = 5.667 in<sup>4</sup>  
 Section Modulus with respect to Principal Axes (in<sup>3</sup>):  
 Sx = 0.000  
 Sy = 0.469  
 Area Moments of Inertia with respect to Principal Axes(in<sup>4</sup>):  
 Ix = 0  
 Iy = 1.376  
 Polar Moment of Inertia = 1.376 in<sup>4</sup>  
 Rotation Angle from projected Sketch Origin to Principal Axes(degrees):  
 About z axis = 0.03  
 Radii of Gyration with respect to Principal Axes(in):  
 R1 = 0.028  
 R2 = 1.661

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|---------------|---|
| Project Name: | 6" Flat Bleed Single Face Tension Cover |
| Sign Company: | 2238                                    |
| Part #:       |   |
| Revision:     |   |
| Date:         | 8/10/2016                               |
| Sheet:        | 1 of 1                                  |
| Size:         | A                                       |
| Drawing By:   | SBreihof                                |

**SignComp**