

Area 9312.146 mm²
Density 0.001 g / mm³
Mass 17.971 g
Volume 1.510E+04 mm³
Physical Material Acrylic, Clear
Appearance Acrylic (Clear)

Bounding Box

Length 129.742 mm
Width 30.00 mm
Height 4.00 mm

Center of Mass 108.949 mm, 178.008 mm, 2 mm

Moment of Inertia at Center of Mass (g mm²)

$I_{xx} = 1398.93$
 $I_{xy} = 5.411\text{E-}10$
 $I_{xz} = 0.00$
 $I_{yx} = 5.411\text{E-}10$
 $I_{yy} = 2.580\text{E+}04$
 $I_{yz} = 0.00$
 $I_{zx} = 0.00$
 $I_{zy} = 0.00$
 $I_{zz} = 2.715\text{E+}04$

Moment of Inertia at Origin (g mm²)

$I_{xx} = 5.709\text{E+}05$
 $I_{xy} = -3.485\text{E+}05$
 $I_{xz} = -3915.931$
 $I_{yx} = -3.485\text{E+}05$
 $I_{yy} = 2.392\text{E+}05$
 $I_{yz} = -6398.11$
 $I_{zx} = -3915.931$
 $I_{zy} = -6398.11$
 $I_{zz} = 8.099\text{E+}05$