

Mass properties of AX-12A  
Configuration: Default  
Coordinate system: -- default --

Mass = 43.01 grams

Volume = 43005.10 cubic millimeters

Surface area = 17554.96 square millimeters

Center of mass: ( millimeters )

X = 12.61

Y = 0.00

Z = 1.21

Principal axes of inertia and principal moments of inertia: ( grams \* square millimeters )

taken at the center of mass.

Ix = ( 1.00, 0.00, -0.05)

Px = 6909.41

Iy = (-0.05, 0.00, -1.00)

Py = 10451.39

Iz = ( 0.00, 1.00, 0.00)

Pz = 12486.31

Moments of inertia: ( grams \* square millimeters )

taken at the center of mass and aligned with the output coordinate system.

Lxx = 6919.35      Lxy = 0.01      Lxz = -187.38

lyx = 0.01      lyy = 12486.31      lyz = 0.00

Lzx = -187.38      Lzy = 0.00      Lzz = 10441.45

Moments of inertia: ( grams \* square millimeters )

taken at the output coordinate system.

lxx = 6982.29      lxy = 0.01      lxz = 468.73

lyx = 0.01      lyy = 19388.63      lyz = 0.00

lzx = 468.73      lzy = 0.00      lzz = 17280.83