

Mass properties of selected components
Coordinate system: Coordinate System1

* Includes the mass properties of one or more hidden components/bodies.

Mass = 667.36 grams

Volume = 127001.99 cubic millimeters

Surface area = 121774.51 square millimeters

Center of mass: (millimeters)

X = 189.44

Y = 1.31

Z = 17.42

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

taken at the center of mass.

Ix = (-0.99, -0.01, -0.13) Px = 417231.64

Iy = (-0.02, 1.00, 0.07) Py = 1887556.99

Iz = (0.13, 0.07, -0.99) Pz = 2072963.04

Moments of inertia: (grams * square millimeters)

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

Lxx = 447043.88 Lxy = 17454.92 Lxz = 219152.93

lyx = 17454.92 lyy = 1888254.60 lyz = 15737.13

Lzx = 219152.93 Lzy = 15737.13 Lzz = 2042453.20

Moments of inertia: (grams * square millimeters)

taken at the output coordinate system.

Ixx = 650623.48 Ixy = 183552.01 Ixz = 2420987.69

Iyx = 183552.01 Iyy = 26040353.62 Iyz = 31007.42

Izx = 2420987.69 Izy = 31007.42 Izz = 25993276.47