Mass properties of BOX\_V5

Configuration: Default

Coordinate system: -- default --

Mass = 82.67 grams

Volume = 50934.77 cubic millimeters

Surface area = 44467.28 square millimeters

Center of mass: ( millimeters )

X = -20.31

Y = 16.25

Z = 118.04

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

Taken at the center of mass.

Ix = (-0.03, 1.00, 0.01) Px = 13172.71

Iy = (-1.00, -0.03, -0.00) Py = 30584.78

Iz = (-0.00, -0.01, 1.00) Pz = 34363.01

Moments of inertia: ( grams \* square millimeters )

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

Lxx = 30564.20 Lxy = -598.69 Lxz = 5.88

Lyx = -598.69 Lyy = 13194.03 Lyz = 122.85

Lzx = 5.88 Lzy = 122.85 Lzz = 34362.27

Moments of inertia: ( grams \* square millimeters )

Taken at the output coordinate system.

Ixx = 1204236.74 Ixy = -27882.37 Ixz = -198193.88

Iyx = -27882.37 Iyy = 1199144.12 Iyz = 158682.98

Izx = -198193.88 Izy = 158682.98 Izz = 90293.78