Mass properties of R1_Housing_Sim
Configuration: Default
Coordinate system: housing_frame

Density = 2182.1051 kilograms per cubic meter

Mass (user-overridden) = 0.04 kilograms

Volume = 1.833e-05 cubic meters

Surface area = 0.03605391 square meters

Center of mass: (meters)
X = -0.0103579
Y = 0
Z = 0.01892497

Principal axes of inertia and principal moments of inertia: (kilograms * square meters)
Taken at the center of mass.

Ix = (-0.00042485, 0.99999991, 1.788e-05)	Px = 4.241e-05
Iy = (-0.9984924, -0.00042519, 0.05488842)	Py = 4.339e-05
Iz = (0.05488842, 5.46e-06, 0.99849249)	Pz = 7.789e-05

Moments of inertia: (kilograms * square meters)
Taken at the center of mass and aligned with the output coordinate system.

Lxx = 4.349e-05	Lxy = 0	Lxz = -1.89e-06
Lyx = 0	Lyy = 4.241e-05	Lyz = 0
Lzx = -1.89e-06	Lzy = 0	Lzz = 7.779e-05

Moments of inertia: (kilograms * square meters)
Taken at the output coordinate system.

Ixx = 5.782e-05	Ixy = 0	Ixz = -9.73e-06
Iyx = 0	Iyy = 6.103e-05	Iyz = 0
Izx = -9.73e-06	Izy = 0	Izz = 8.208e-05