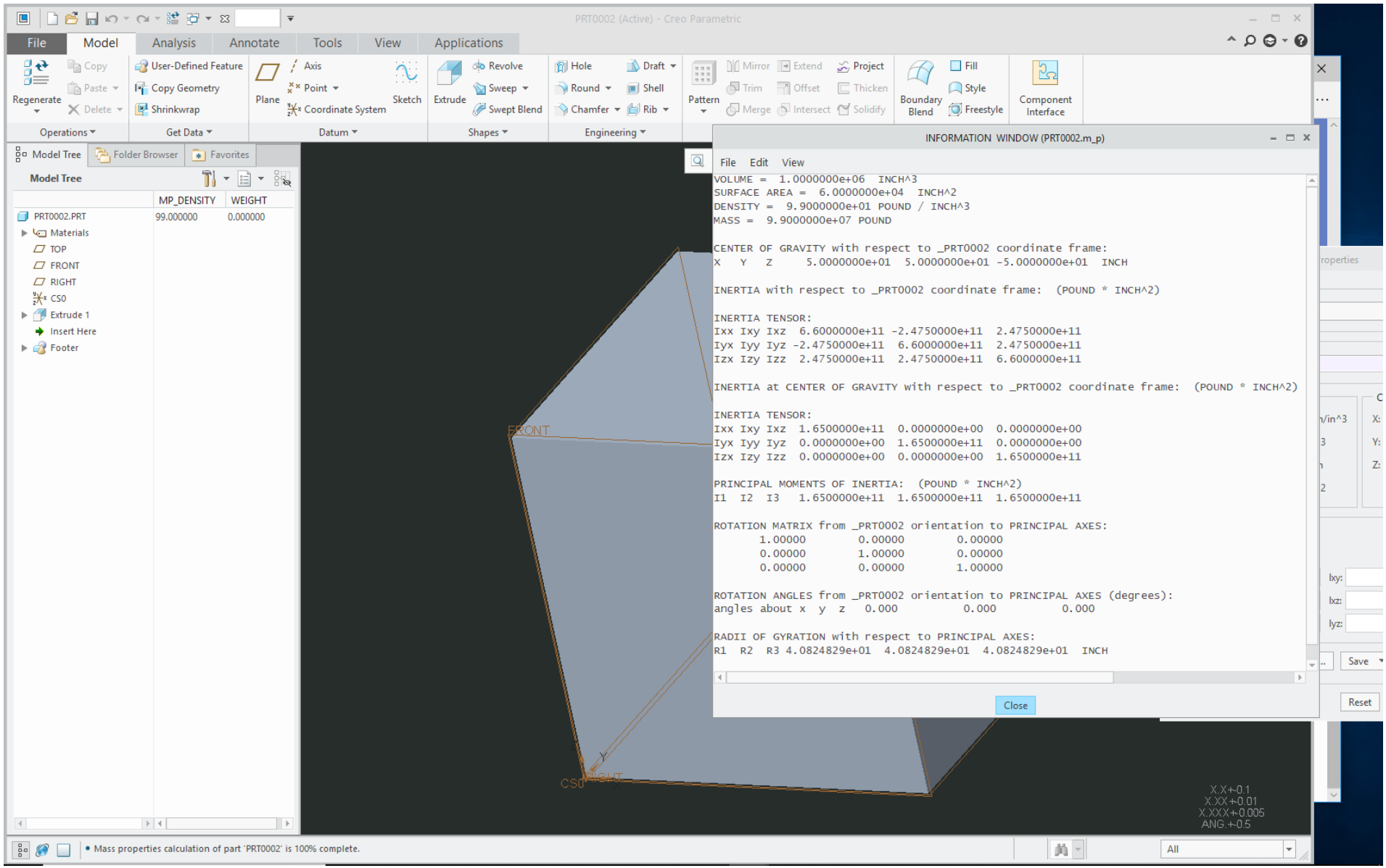
PRT0002 (Active) - Creo Parametric
File
Model
Analysis
Annotate
Tools
View
Applications
Regenerate
Copy
Paste
Delete
User-Defined Feature
Copy Geometry
Shrinkwrap
Plane
Axis
Point
Coordinate System
Sketch
Extrude
Revolve
Sweep
Swept Blend
Hole
Draft
Round
Shell
Chamfer
Rib
Pattern
Mirror
Extend
Project
Trim
Offset
Thicken
Merge
Intersect
Solidify
Boundary Blend
Fill
Style
Freestyle
Component Interface
Operations
Get Data
Datum
Shapes
Engineering
Model Tree
Folder Browser
Favorites
Model Tree
MP_DENSITY
WEIGHT
PRT0002.PRT
99.000000
0.000000
Materials
TOP
FRONT
RIGHT
CS0
Extrude 1
Insert Here
Footer
INFORMATION WINDOW (PRT0002.m_p)
File
Edit
View
VOLUME = 1.0000000e+06 INCH^3
SURFACE AREA = 6.0000000e+04 INCH^2
DENSITY = 9.9000000e+01 POUND / INCH^3
MASS = 9.9000000e+07 POUND
CENTER OF GRAVITY with respect to _PRT0002 coordinate frame:
X Y Z 5.0000000e+01 5.0000000e+01 -5.0000000e+01 INCH
INERTIA with respect to _PRT0002 coordinate frame: (POUND * INCH^2)
INERTIA TENSOR:
Ixx Ixy Ixz 6.6000000e+11 -2.4750000e+11 2.4750000e+11
Iyx Iyy Iyz -2.4750000e+11 6.6000000e+11 2.4750000e+11
Izx Izy Izz 2.4750000e+11 2.4750000e+11 6.6000000e+11
INERTIA at CENTER OF GRAVITY with respect to _PRT0002 coordinate frame: (POUND * INCH^2)
INERTIA TENSOR:
Ixx Ixy Ixz 1.6500000e+11 0.0000000e+00 0.0000000e+00
Iyx Iyy Iyz 0.0000000e+00 1.6500000e+11 0.0000000e+00
Izx Izy Izz 0.0000000e+00 0.0000000e+00 1.6500000e+11
PRINCIPAL MOMENTS OF INERTIA: (POUND * INCH^2)
I1 I2 I3 1.6500000e+11 1.6500000e+11 1.6500000e+11
ROTATION MATRIX from _PRT0002 orientation to PRINCIPAL AXES:
1.00000 0.00000 0.00000
0.00000 1.00000 0.00000
0.00000 0.00000 1.00000
ROTATION ANGLES from _PRT0002 orientation to PRINCIPAL AXES (degrees):
angles about x y z 0.000 0.000 0.000
RADII OF GYRATION with respect to PRINCIPAL AXES:
R1 R2 R3 4.0824829e+01 4.0824829e+01 4.0824829e+01 INCH
Close
FRONT
CS0
X.X+-0.1
X.XX+-0.01
X.XXX+-0.005
ANG.+-0.5
Mass properties calculation of part 'PRT0002' is 100% complete.
All