VOLUME = 4.6935573e+04 MM^3

SURFACE AREA = 3.9546776e+04 MM^2

AVERAGE DENSITY = 4.6977694e-06 KILOGRAM / MM^3

MASS = 2.2049250e-01 KILOGRAM

CENTER OF GRAVITY with respect to LINK\_FRAME coordinate frame:

X Y Z -8.1369472e-02 -8.7263182e-03 -8.2013940e+01 MM

INERTIA with respect to LINK\_FRAME coordinate frame: (KILOGRAM \* MM^2)

INERTIA TENSOR:

Ixx Ixy Ixz 1.5391801e+03 -1.2430038e-01 -8.0330680e-01

Iyx Iyy Iyz -1.2430038e-01 1.5394140e+03 -8.6150884e-02

Izx Izy Izz -8.0330680e-01 -8.6150884e-02 4.6343358e+01

INERTIA at CENTER OF GRAVITY with respect to LINK\_FRAME coordinate frame: (KILOGRAM \* MM^2)

INERTIA TENSOR:

Ixx Ixy Ixz 5.6084342e+01 -1.2414381e-01 6.6813468e-01

Iyx Iyy Iyz -1.2414381e-01 5.6316847e+01 7.1651131e-02

Izx Izy Izz 6.6813468e-01 7.1651131e-02 4.6341881e+01

PRINCIPAL MOMENTS OF INERTIA: (KILOGRAM \* MM^2)

I1 I2 I3 4.6295636e+01 5.6072235e+01 5.6375199e+01

ROTATION MATRIX from LINK\_FRAME orientation to PRINCIPAL AXES:

-0.06820 0.89739 -0.43593

-0.00798 0.43645 0.89969

0.99764 0.06483 -0.02260

ROTATION ANGLES from LINK\_FRAME orientation to PRINCIPAL AXES (degrees):

angles about x y z -91.439 -25.845 -94.346

RADII OF GYRATION with respect to PRINCIPAL AXES:

R1 R2 R3 1.4490158e+01 1.5946928e+01 1.5989951e+01 MM

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MASS PROPERTIES OF COMPONENTS OF THE ASSEMBLY

(in assembly units and the LINK\_FRAME coordinate frame)

DENSITY MASS C.G.: X Y Z

CE0225A0 MATERIAL: UNKNOWN

4.69777e-06 2.20492e-01 -8.13695e-02 -8.72632e-03 -8.20139e+01