

Mass properties of DmMc_Interfaceplate_type6_Full
Configuration: Default
Coordinate system: -- default --

Mass = 130.49 grams

Volume = 222376.77 cubic millimeters

Surface area = 179319.94 square millimeters

Center of mass: (millimeters)

X = 68.62

Y = -0.44

Z = 8.14

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

Taken at the center of mass.

Ix = (0.99, 0.10, -0.01) Px = 385919.47

Iy = (-0.10, 0.98, 0.16) Py = 7100526.69

Iz = (0.02, -0.16, 0.99) Pz = 7466085.70

Moments of inertia: (grams * square millimeters)

Taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation)

Lxx = 456293.00 Lxy = 682424.77 Lxz = -57126.87

Lyx = 682424.77 Lyy = 7039520.56 Lyz = 51058.43

Lzx = -57126.87 Lzy = 51058.43 Lzz = 7456718.29

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system. (Using positive tensor notation.)

Ixx = 464968.20 Ixy = 678446.51 Ixz = 15776.96

Iyx = 678446.51 Iyy = 7662656.45 Iyz = 50586.45

Izx = 15776.96 Izy = 50586.45 Izz = 8071230.49

One or more components have overridden mass properties:

DmMc_Wing_type6<2><Default>

DmMc_Centriod_type6_D30mm<1><Default>

DmMc_BetaFPV_300mah2s<1><Default>

DmMc_BetaFPV_300mah2s<2><Default>

DmMc_ESP32S3WROOM1_type6<1><Default>

DmMc_F35Aesc_type6<1><Default>

DmMc_RM3100compass_type6<1><Default>

DmMc_D24V22F5_type6<1><Default>