

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

Mass = 159.49 grams

Volume = 235861.96 cubic millimeters

Surface area = 199203.69 square millimeters

Center of mass: (millimeters)

X = -0.57

Y = 1.89

Z = 10.14

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

Taken at the center of mass.

Ix = (1.00, 0.06, -0.01) Px = 438560.33

Iy = (-0.05, 0.99, 0.16) Py = 10518558.97

Iz = (0.02, -0.15, 0.99) Pz = 10923081.68

Moments of inertia: (grams * square millimeters)

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

Lxx = 472738.45 Lxy = 566640.58 Lxz = -156684.82

Lyx = 566640.58 Lyy = 10496470.58 Lyz = 53602.01

Lzx = -156684.82 Lzy = 53602.01 Lzz = 10910991.95

Moments of inertia: (grams * square millimeters)

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

Ixx = 489712.71 Ixy = 566467.77 Ixz = -157613.82

Iyx = 566467.77 Iyy = 10512929.77 Iyz = 56653.83

Izx = -157613.82 Izy = 56653.83 Izz = 10911612.23

One or more components have overridden mass properties:

DmMc_1506motor_3inch_mount<1><Default>

DmMc_76mm5b_prop<1><Default>

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>