Best-In-Class

Electronics Mount

Aristo-Cast Inc.
Almont, Michigan

Material: AZ91E-T6 magnesium.
Process: Investment casting.
Weight: 54 grams.
Dimensions: 3.681 x 4.488 x 2.953 in.
Application: Hand-held device used in aerospace.

- The component acts as a bracket to mount processing electronics and acts as a heat sink to manage the thermal load from all of the electronics. It also ties the two halves of the housing together, preventing it from "oil-canning" under external pressure loads.
- The investment casting process provided the ability to combine many parts into one and lower part cost and weight.