

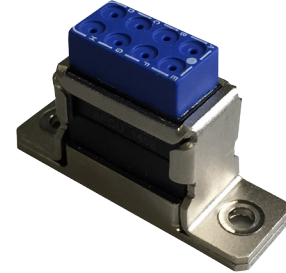
LIGHTWEIGHT GROUND MODULES

Amphenol Pcd

Lightweight Ground Modules

Amphenol Pcd's new, lightweight grounding modules are suitable for a wide variety of military and airframe power distribution and grounding system applications. The two-hole flange mount provides a convenient footprint for mounting on airframe or vehicle frames, and provide up to 21 contacts in less than 1 square inch. High altitude operating specifications, low outgassing, and a high degree of salt spray resistance makes the modules suitable for space & near-space applications, as well as shipboard, naval rotorcraft or naval aircraft.

The new modules use Amphenol Pcd's proven polyetherimide housing and ultrasonic welding techniques to ensure long life and high reliability through fewer voids and lack of bonding lines. The triple riser sealing grommet and proprietary epoxy ensure moisture sealing under all operating conditions. The aluminum alloy ground plate is electroless nickel plated, providing light weight and high strength with minimal galvanic corrosion. The modules conform to the M81714/28-16, -20, and -22D specifications in all performance characteristics, and are available now.



Shipboard



Naval Aircraft



Space & Near-Space

Contact

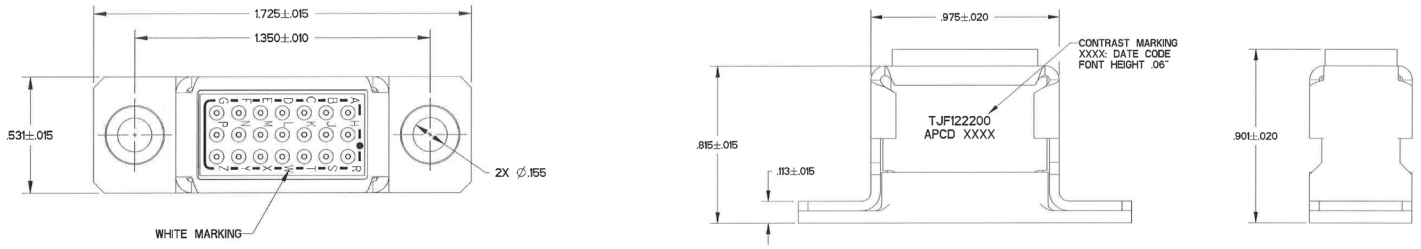
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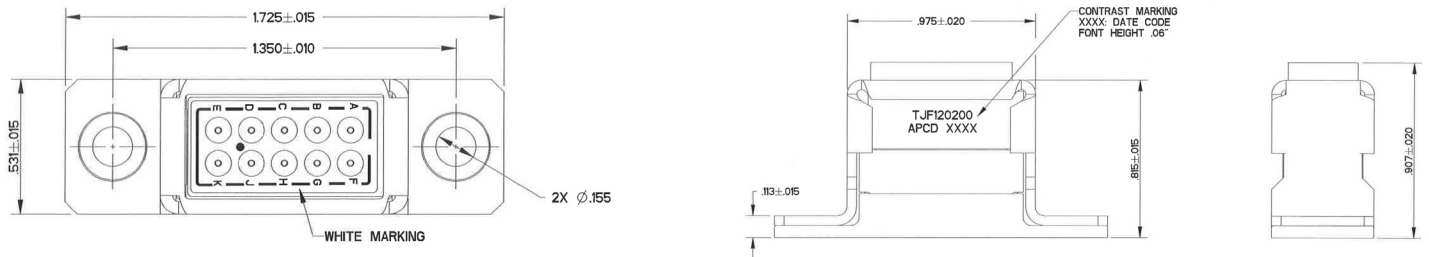
TJF122200

Part Weight 12 Grams



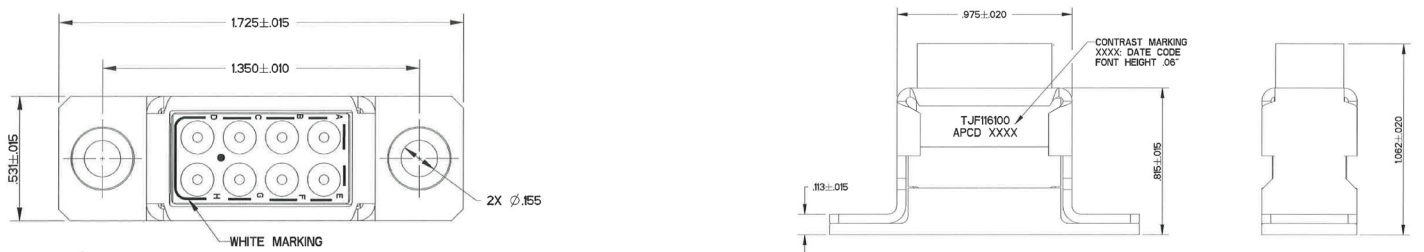
TJF120200

Part Weight 12.5 Grams



TJF116100

Part Weight 12 Grams



Materials

- Housing-Polyetherimide, Color-Black
- Grommet-Silicone Elastomer, Color-Blue
- Internal Contacts-Copper Alloy, Gold Plated
- Ground Plate/Bracket/Washer- Aluminum Alloy, Electroless Nickel Plated
- Contact Retainers-Stainless Steel