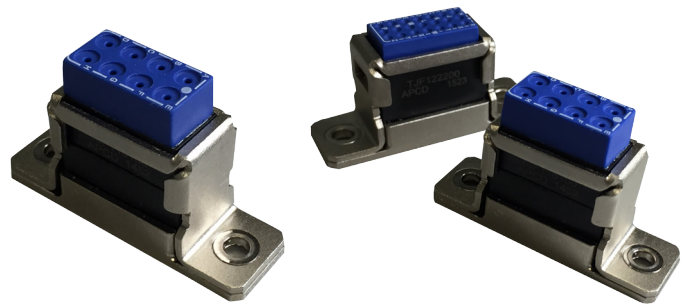


Amphenol Pcd's new, lightweight grounding modules are suitable for a wide variety of *military and airframe power distribution and grounding system applications*. The *two-hole flange mount* provides a convenient footprint for mounting on airframe or vehicle frames, and provide up to *21 contacts in 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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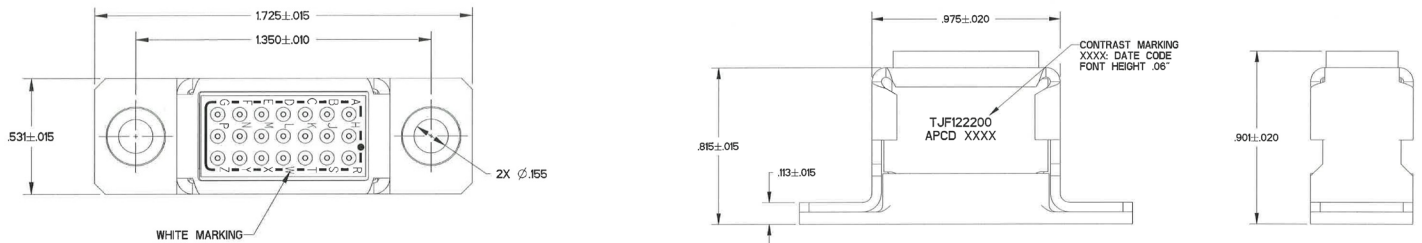
hjuntwait@amphenolpcd.com

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Lightweight Ground Modules

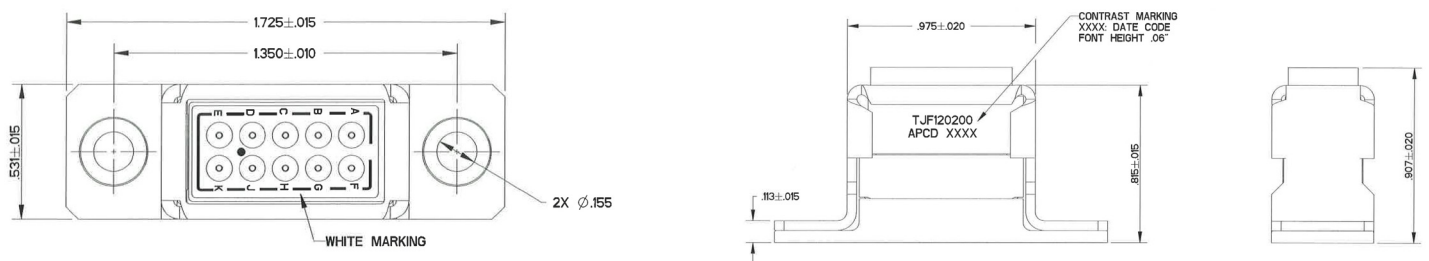
TJF122200

Part Weight 12 Grams



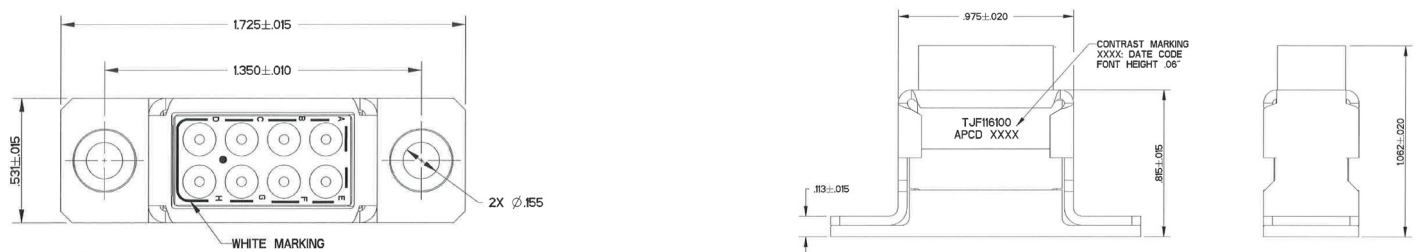
TJF120200

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