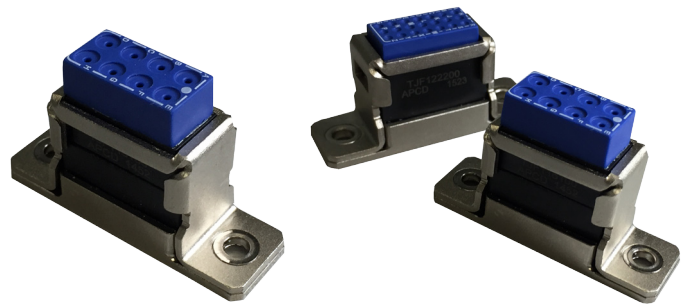


Amphenol Pcd's new, lightweight grounding modules are suitable for a wide variety of **military and airframe power distribution and grounding system applications**. The **two-hole flange mount** provides a convenient footprint for mounting on airframe or vehicle frames, and provide up to **21 contacts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

John Whittaker

jwhittaker@amphenolpcd.com

978.624.3447

Hilary Juntwait

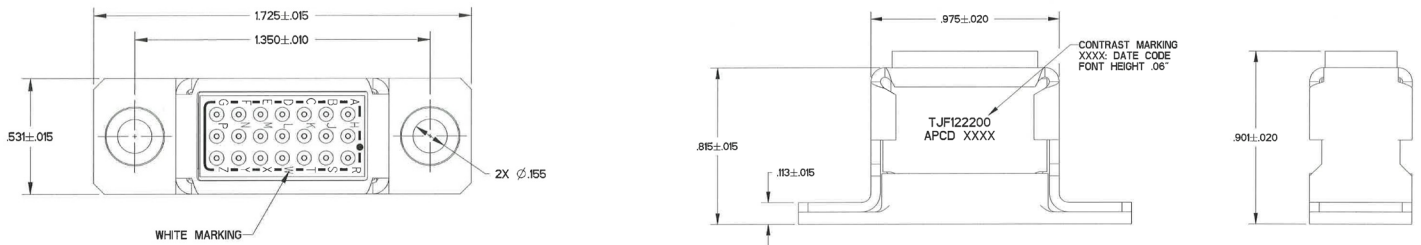
hjuntwait@amphenolpcd.com

978.624.3459

Lightweight Ground Modules

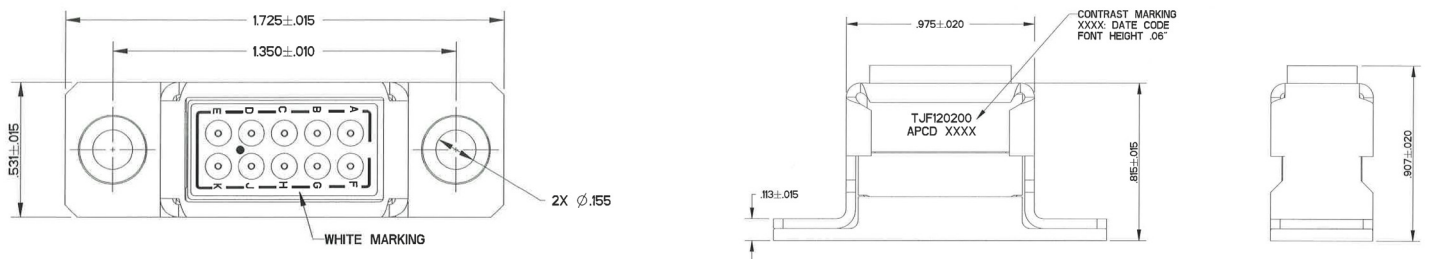
TJF122200

Part Weight 12 Grams



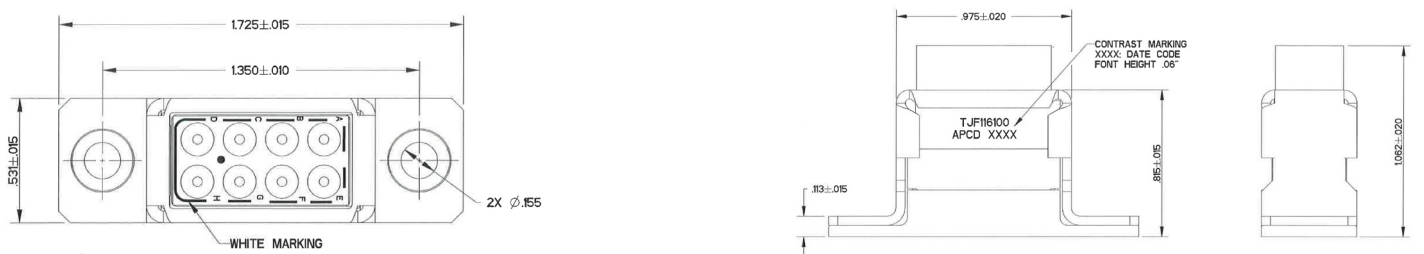
TJF120200

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