

Ice Resistance Glenair# 9-44-18/TN94-159

The item must conform to required torque limits and functional requirements within 25% after being immersed for a minimum of 3 cycles in tap water for 1 minute and placed in an ambient temperature of -65°C for one hour (until surfaces are completely iced over).

Flammability

The item flame and after flow-extinguishing time shall not exceed limits defined in Table II of MIL-STD-1344 Method 1012, Smoke index, NES 711 issue 2, and NES 713 issue 3. Burning behavior by Oxygen index, ISO 4589.

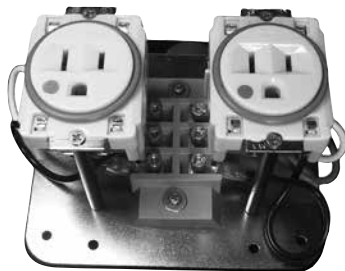
Water Tightness EA# 0C13513-039514

Water tightness and internal pressurization tested at 1 atmosphere (14.7 psi). Unit is subjected to a progressive internal pressure test in three feet of water at ambient temperature in increasing increments of 1psig for 2-minute intervals.

Outgassing JPL 081892

Unit is tested in accordance with ASTM E 595; maximum allowable weight loss is 10%. After test and bake out the maximum allowable VCM (volatile condensable material) is 0.10%.

*Electrical equipment
ready for installation
in Glenair's 147-020
Series Electrical Box
for the U.S. Navy*

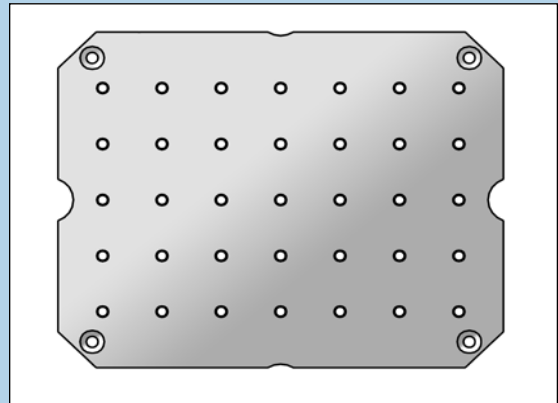


**Electromagnetic Shielding
TRW/ABQ-55C-1186-0**

Shielding effectiveness / transfer impedance tests performed in accordance with Military industry standards and customer specific requirements. Transfer impedance measurements from 1 through 100 MHZ and radiated emissions were evaluated in the ranges from 20 through 1000 MHZ. The test specimen is subjected to an EMI field and measured to determine to specific levels of shielding properties are exhibited.

**Step Four: Select Internal
Terminal Rail
Mounting Plate and Drilling**

Glenair manufactures an internal terminal rail mounting plate for all box sizes except the Ultra-Miniature (140-074) and Mini (140-100). Terminal rail mounting plates are fabricated from aluminum alloy or stainless steel and are typically passivated or plated with electroless nickel. Custom platings are also available. The factory maintains dimensional specifications for all popular din rail and terminal block types and can drill plates per these specifications or to your drawing. Please consult factory for mounting options for nonstandard electronic components.



**The Standard Plate Selection for Each Box Comes
with Threaded Inserts for Most Popular
Terminal Rails or Blocks**

