

Fungus Resistance TBM84-3

Materials used shall be certified as fungus inert in accordance with requirements of MIL-STD-810C, Items must have no evidence of Fungus growth, deterioration or corrosion as a result of testing.

Shock NTS# 373-2685, Supplement 1

When mounted on an uneven surface with one mounting location lower to create torsion loading, box is subjected to shock per MIL-S-901D Class 1, Grade A, Type C (lightweight).

Glenair 147-015 Series Indicator Light Box is available in four sizes and supplied with US Navy specified indicator lights and switches



Magnetic Permeability Glenair# 9-44-18/TN94-159

Items shall be tested in accordance with MIL-STD-1344.

Ozone NTS# 678-3143

There shall be no evidence of cracking or other damage when item is tested in accordance with MIL-STD-1344 Method 1007.

Fluid Immersion NTS# 678-3143

Item shall meet the functional requirements in accordance with MIL-STD-1344 Method 1016 (one sample per fluid).

Halogen Free GE 050198

Testing for halogen releases when ignited in accordance with ASTM E 562, Method XX,

Radiation Test GE RDM88050255-6042

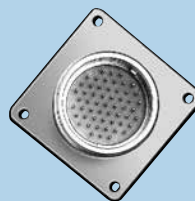
Gamma Ray, Electron Beam, X-Ray, Ultra Violet, Visible, Infrared, Microwave and Radio Frequency testing performed.

Fitting to Box Conductivity NTS# 575-9249

Max. Voltage drop of 3 millivolts before conditioning and 6 millivolts after conditioning when tested to MIL-STD-1344 Method 3007.

Step Six: **Select Box Input-Output** **Components:** *Environmental Connectors*

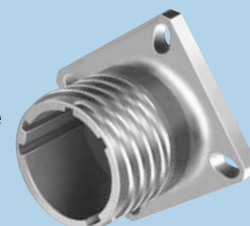
Glenair offers a wide range of circular and rectangular connectors, including MIL-DTL-28840, MIL-PRF-83513 and MIL-DTL-38999 Hermetics. Environmental connectors of this type, and the ones highlighted below, are ideally suited for use as input-output devices in box applications.



Glenair's Series 22 Geo-Marine® Connectors offer high-density insert arrangements for a variety of oceanographic, geophysical and other severe environmental applications. The mated stainless steel plug and receptacle have a hydro-

static pressure sealing capability of up to 5000 psi (345 bar) and are available in either glass-seal hermetic or rigid dielectric environmental insulators.

Glenair's Composite MIL-DTL-38999 Series III Style Fiber Optic Connector is built to insure precise optical alignment. Composite materials make this one of the lightest



weight, high-reliability connectors on the market. Connector polarization keys and keyways are molded to tighter tolerances than required by the MIL-DTL-38999 specification to reduce radial misalignment and insertion loss.



Glenair developed the **Series 800 "Mighty Mouse"** to fill the need for a miniaturized circular connector with performance comparable to other high-reliability aerospace connectors.

The connector is intended for applications such as missile systems, satellites, man-portable battlefield gear, and light armored vehicles. It is ideally suited for use with Glenair's smaller junction boxes.