

Introduction (Continued)

LGH Receptacles are manufactured in molded glass epoxy having a specified mating depth (see table on previous page). When used with LGH lead assemblies they offer the ultimate in dependability, even under harsh environmental conditions. Typical receptacles are shown here. Specific units, with part numbers, are shown by series in the following pages.

LGH Receptacles for Canned Units

These receptacles are for hermetically sealed, gas- or oil-filled units, and they are recommended for canned units filled with potting compound.*

*CAUTION: Follow manufacturer's instructions on preparing and handling potting. LGH voltage ratings apply only when a proper bond is achieved between the back end of the receptacle and the compound.

LGH Receptacles for Cast or Encapsulated Units

These units are for use where no metal can is required.

Specifications (All units)

Pin Assembly — Brass per ASTM-B-16 and QQ-B-626; tin plated per MIL-T-10727, Type I or II, .00010" min. thickness.*

Body — Molded glass-filled epoxy

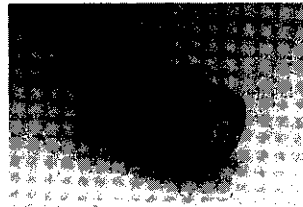
Marking — Per MIL-STD-130

(Canned units only)

Solder Flange — Brass per ASTM-B-16 and QQ-B-626; tin plated per MIL-T-10727, Type I or II, .00010" min. thickness

Hermeticity — Leak rate less than 1×10^{-8} cc He/sec. per MIL-STD-202, Method 112B, Cond. C.

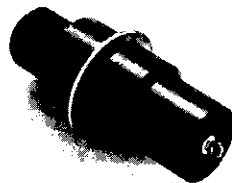
*Hermetically sealed receptacles are plated after molding therefore we cannot guarantee the minimum thickness of copper under plating .000100 [0.00254] on the mating end of the pin contact.



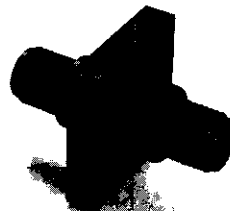
Glass-epoxy receptacle for encapsulated units



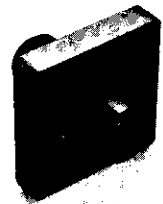
Glass-epoxy receptacle for splice application



Hermetically sealed, glass-epoxy receptacle for canned units



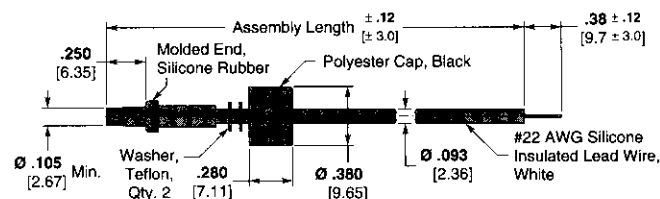
Glass-epoxy, flanged receptacle for bulkhead splice applications



Glass-epoxy, flanged receptacle for bulkhead applications

LGH Lead Assemblies and Receptacles, 5 KVDC, LGH 1/4

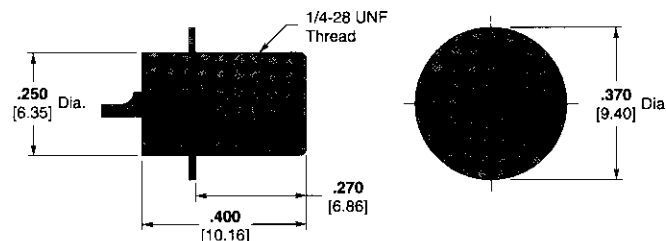
Single End Lead Assemblies



Part Number 445162

Assembly Length	Part Number
6.0	445162-1
152.4	
12.0	445162-2
304.8	
18.0	445162-3
457.2	
24.0	445162-4
609.6	

Receptacle, Metal Flange



Part Number 445159-1