



# 831-002 GT Gas Tube Assemblies for MIL-DTL-38999 Series II, Glenair Series 79 and Series 80



## High-Pressure Assemblies for Pure Gas Pneumatic/Cryogenic Applications

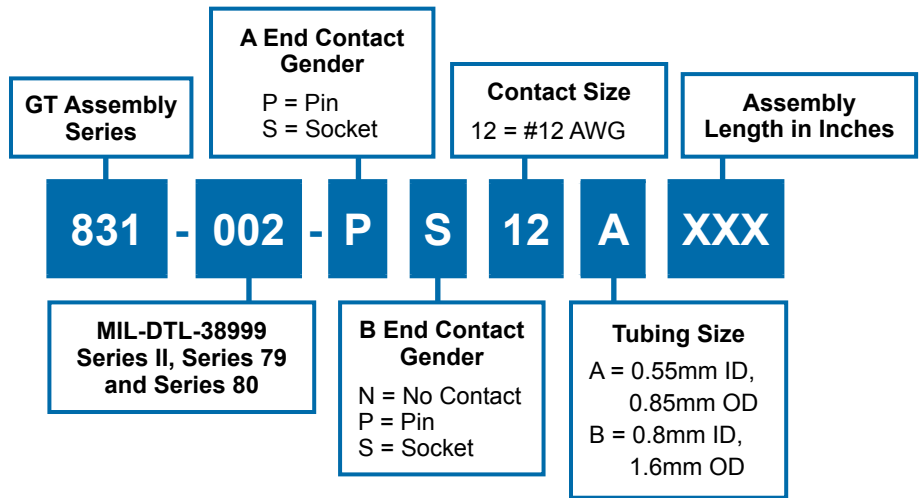


831-002 #12 Assembly  
for MIL-DTL-38999 Series II, Series 79  
and Series 80 Mighty Mouse



Series 831 GT assemblies provide passage of nitrogen and other pure, pressurized gases through standard MIL-DTL-38999 Series II as well as Glenair Series 79 and 80 environmental connectors. These snap-in, rear-release assemblies feature precision stainless steel gas contacts brazed to semi-rigid stainless steel tubing. The assemblies are fabricated using a flux-free brazing process, ultrasonically cleaned and packaged in a sealed, dust-free environment. Available with #12 AWG gas contacts, these assemblies are supplied with two different tubing sizes, and may be ordered in single ended or pin-to-pin, pin-to-socket and socket-to-socket configurations. Consult factory for available off-the-shelf lengths or use the part number to specify a made-to-order length.

#12 assembly for MIL-DTL-38999 Series II, Series 79 and Series 80 environmental connectors. Use part number development to specify gender, assembly length and tubing type.



**Example Part Number: 831-002-PS12A024**

### Why Order from Glenair?

- **Free Application Engineering**  
*The industry's largest and most experienced engineering team is standing by to assist with non-standard designs and customizations.*
- **Delivery**  
*Glenair offers the fastest delivery in the business—guaranteed.*
- **Quality Control**  
*Every gas tube assembly is 100% inspected and tested.*
- **Local Support**  
*Glenair offers comprehensive worldwide support on your schedule and at your convenience.*

### Material and Finish

Contact Body: Passivated Stainless Steel  
Internal O-Ring (Socket): High-Pressure Rated Elastomer  
Internal Washer (Socket): Temperature and Chemically Resistant Polymer  
Particle Filter (Socket): Stainless Steel  
Brazing Material: Silver Alloy  
Tubing: Stainless Steel

\* Please consult the Glenair factory for made-to-order GT contacts, hermetics, mixed contact AWG assemblies, point-to-point tubing assemblies with unique route and bend requirements as well as integrated cable harnesses that combine our GT tubing and gas contacts with standard electrical and/or fiber optic media.

Dimensions in inches (millimeters) and are subject to change without notice.