

HIGH-VOLTAGE
kV SEAL™
CONTACTS FOR
DC UTILITY
APPLICATIONS



High-voltage, low amperage
drop-in contact assemblies
for DC circuit applications



Glenair kV Seal™ high-voltage contact assemblies are designed for aerospace, defense, and scientific systems requiring reliable transmission of high-voltage DC power. Typical applications include traveling-wave tube (TWT) amplifiers, radar transmitters, missile guidance and seeker electronics, fire-control systems, ring laser gyroscopes, mass spectrometers, and electric propulsion equipment. These systems utilize high-voltage DC circuits to energize and control critical electronic components.

kV Seal assemblies are supplied as pre-wired, insertable/removable contacts for direct integration into Glenair signature connectors. Assemblies are compatible with

MIL-STD-1560 contact arrangements
incorporating non-keyed size #12
and size #8 contact cavities.



kV SEAL™ PERFORMANCE ADVANTAGES

- Seals interface air gap
- Air-excluding interface and overmolded wire strain relief increase breakdown strength at higher altitudes
- Obstructs interface creep path, increasing breakdown strength against surface tracking
- Modular design integrates into multiple connector packages
- Scales for various operating voltages
- Pre-wired for easy drop-in use