

HTX

High Temperature Hermetic Connector -197 °C to +440 °C



NYK Component Solutions are a franchised distributor of selected mil-specification connectors for leading QPL manufacturers. We offer a comprehensive inventory of backshells, contacts and connector accessories.

A very high temperature hermetic connector interface designed to meet the demands of instruments and systems in applications such as commercial jet engines.



Product Features

Specially developed insulators delivering hermetic integrity at high temperatures.

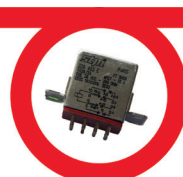
Product Benefits

Maintenance of hermetic sealing combined with insulation resistance performance at high temperatures makes this product suitable for applications such as jet engines where standard hermitic connectors would not be able to meet such extreme demands.

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High Temperature Hermetic Connector



Product technical description

The HTX hermetic connector was developed to meet the demands of instruments and systems required to operate in extreme environments, such as commercial jet engines. A 'next generation' proprietary glass insulation material was developed and incorporated to counter hermetic seal failure and a falling resistance value of the insulator at extreme temperatures.

- σ Temperature range: -197 °C to +440 °C (-322 °F to + 824 °F)
- σ Hermetic leak rate: 1×10^{-9} cc/sec of Helium at 15 PSI
- σ Insulation resistance:
 - >5,000 MegOhms @ 1,000 VDC @ room temperature
 - >1,000 MegOhms @ 1,000 VDC @ 800 °C
- σ Vibration: @ +440 °C exceeding 60 G's @ 3,000 Hz.

How to order

Please consult NYK Component Solutions with your product requirements.

The HTX connector is available from NYK Component Solutions, via our exclusive European franchise with Ametek

<https://www.nykcs.com/htx-high-temperature-hermetic-connector/>