

# ThermaRex™

CRYO • HIGH TEMP • ULTRA HIGH-TEMP

Three distinct temperature-tolerant interconnect ecosystems for cryogenic, high-temperature, and ultra high-temperature applications



## ThermaRex™ CRYO



Series 806 micro miniature circular.  
Environmental service-class rating down to -200°C

Hermetic-class  
-195°C rating  
<1X10<sup>-7</sup> ccHe/sec  
hermetic seal

Thermal strap  
for heat dissipation

Glenair 39029 type  
crimp contacts

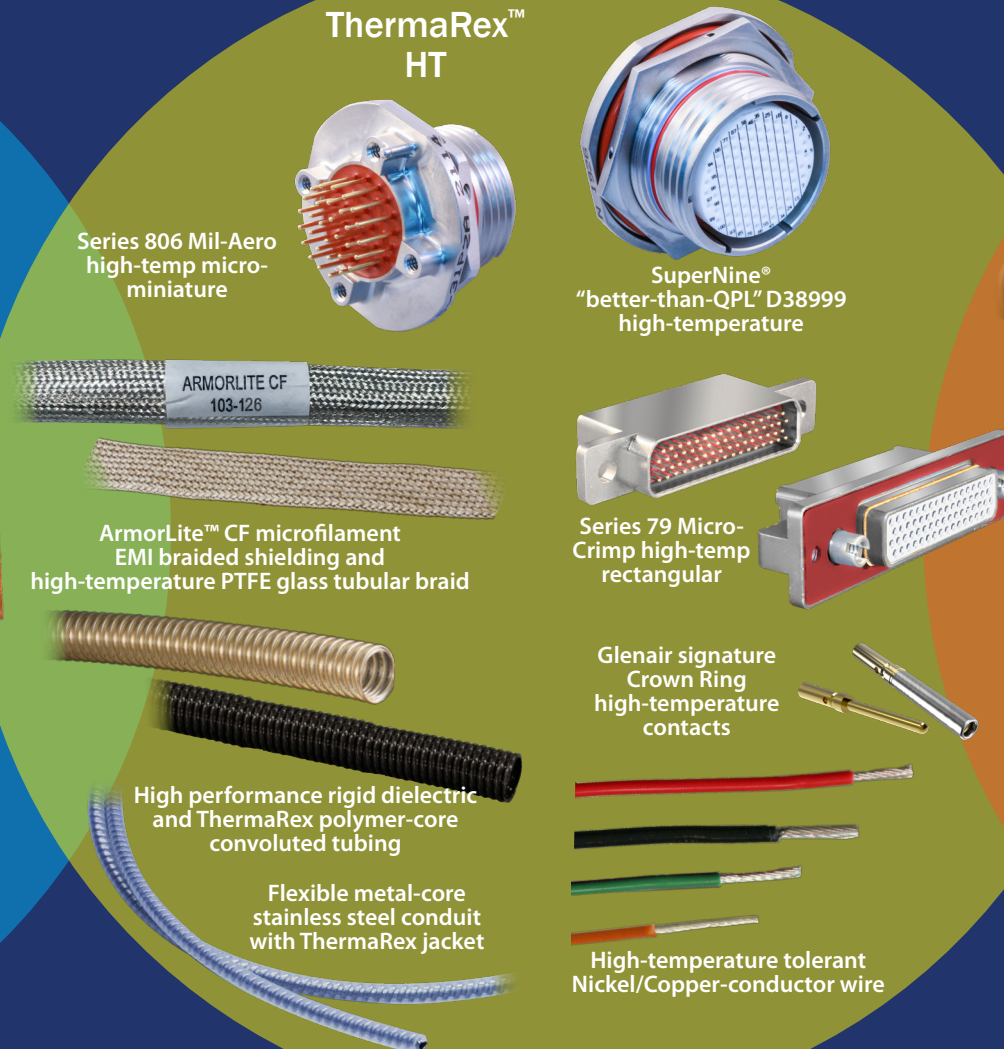
Ultra-low-temperature  
Micro-D hermetic  
connector

Low-temperature tolerant  
MIL-STAR Nickel/Copper-  
conductor wire

Low thermal-transfer  
cryo conductors  
and harnesses

- Environmental-class service rating down to -195°C
- Hermetic -195°C
- High performance rigid dielectric insulators
- Duralectric™ K grommets and seals

## ThermaRex™ HT



Series 806 Mil-Aero  
high-temp micro-  
miniature

ARMORLITE CF  
103-126

ArmorLite™ CF microfilament  
EMI braided shielding and  
high-temperature PTFE glass tubular braid

High performance rigid dielectric  
and ThermaRex polymer-core  
convoluted tubing

Flexible metal-core  
stainless steel conduit  
with ThermaRex jacket

SuperNine®  
"better-than-QPL" D38999  
high-temperature

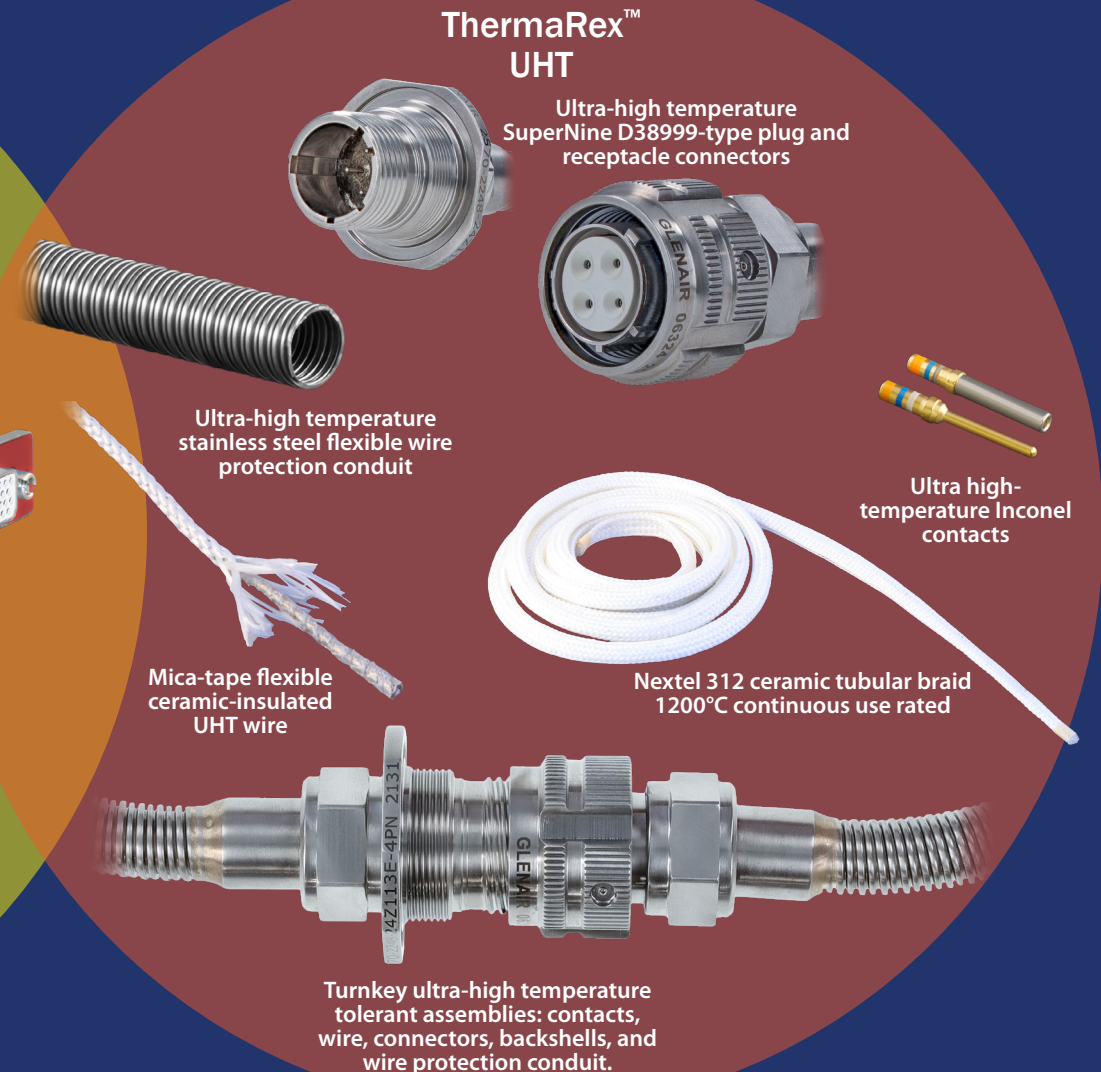
Series 79 Micro-  
Crimp high-temp  
rectangular

Glenair signature  
Crown Ring  
high-temperature  
contacts

High-temperature tolerant  
Nickel/Copper-conductor wire

- Environmental-class service rating up to +300°C
- Ceramic insulators
- Silicone O-rings and seals
- Stainless steel bodies

## ThermaRex™ UHT



Ultra-high temperature  
SuperNine D38999-type plug and  
receptacle connectors

Ultra-high temperature  
stainless steel flexible wire  
protection conduit

Ultra high-  
temperature Inconel  
contacts

Mica-tape flexible  
ceramic-insulated  
UHT wire

Nextel 312 ceramic tubular braid  
1200°C continuous use rated

Turnkey ultra-high temperature  
tolerant assemblies: contacts,  
wire, connectors, backshells, and  
wire protection conduit.

- Environmental-class service rating up to +600°C
- Ceramic insulator
- Flexible ceramic-insulated cable
- Non-metallic seals