

DEEP SPACE 38999

AMPHENOL'S COLDEST ENVIRONMENTAL CONNECTOR SERIES

PDS - 341



DEEP SPACE 38999 (-319 °F/-195°C):

The Deep Space 38999 connector series is designed for extreme cold-weather environments. They are built to retain a grommet-to-wire and contact-to-contact seal in temperatures below -85 °F (-65 °C).

Temperatures falling below -85 °F (-65 °C) typically means losing your environmental sealing or worse: electrical shortening due to cracked elastomeric components. The Deep Space 38999 ensures your seal and connectivity remain fully intact.

Using modification code (750) on a 38999 commercial coded part number upgrades the elastomers to our -319 °F (-195 °C) capable silicone blend and includes other necessary upgrades to components and materials.

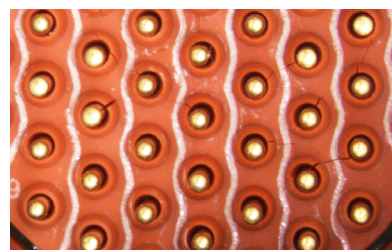
Example Part Number: TVPS00RF-25-35P(750)*

*Contact Amphenol for details, not all connector styles are -319 °F (-195 °C) capable with Deep Space 38999 rubber due to other component limitations.

*Use mod code **(750S)** for outgassed version

FEATURES/BENEFITS:

- Intermatable and interchangeable with standard connectors
- Retains grommet-to-wire seal and contact isolation
- Rubber will not take a compression set when stretched or compressed due to regular connector operations
- Static testing over 100 hours reveals no cracking where all other benchmark parts crack and foil
- Tooled in most insert arrangements
- Available in 38999 Series I, Series II, Series III and SJT
- Also available in **Series Five** connector series
- Compatible with standard 38999 caps and accessories
- See Amphenol for availability in other connector series



Standard D38999 cracked seal