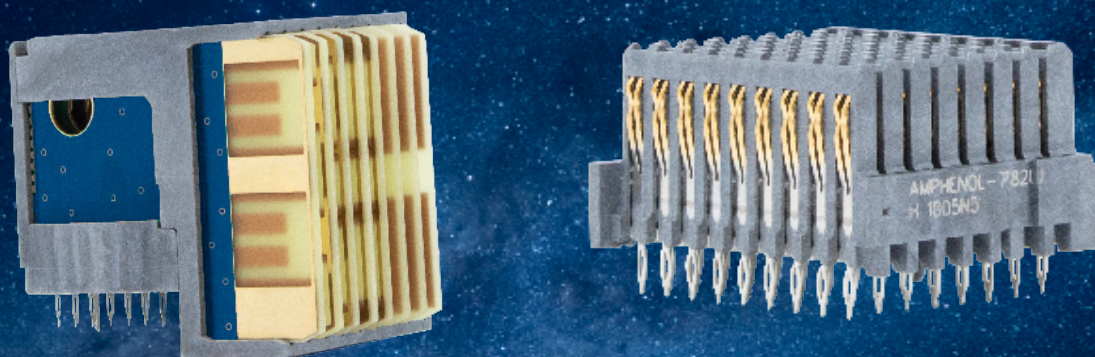


VITA 78 SpaceVPX Connector

Amphenol
Aerospace

PDS - 361



VITA 78 connectors, also known as SpaceVPX are specifically designed for use in space-based electronic systems. Amphenol's VITA 78 SpaceVPX connectors leverage OpenVPX architecture and technology and are designed and tested for extreme space environments, including exposure to radiation, extreme temperatures and vibration. SpaceVPX connectors utilize specific wafer loads per the VITA 78 spec to achieve dual redundancy to meet fault tolerance requirements for space systems.

FEATURES & BENEFITS:

- Outgassing- third party testing – meets NASA and European Space Agency (ESA) outgassing requirements.
- Vibration- 4 point backplane contact system for extreme vibration applications.
- Compliant (press-fit) Pin Technology- tested with various PCB platings to verify performance and reliability.
- Current Capacity – power wafers and wafer configurations to support VITA 78 Space utility management modules.
- Extreme Temperature- tested to a temp range of -67 °F (-55 °C) to 221 °F (105 °C)
- Passed VITA 72 vibration testing with BER monitoring

How to Order VITA 78 SpaceVPX

Please refer to the tables below:

VITA 78 SpaceUM 3U		
Position	Amphenol Part Number	Configuration Per VITA 78
P0	RVPX-P0824xx	Module 8
P1	RVPX-P1636xx	Module 16E
P2	RVPX-P1626xx	Module 16B

VITA 78 SpaceUM 6U		
Position	Amphenol Part Number	Configuration Per VITA 78
P0	RVPX-P0824xx	Module 8
P1	RVPX-P1625xx	Module 16A
P2	RVPX-P1626xx	Module 16B
P3	RVPX-P1627xx	Module 16C
P4	RVPX-P1628xx	Module 16D
P5	RVPX-P1625xx	Module 16A
P6	RVPX-P1626xx	Module 16B

How to Order VITA 78 SpaceVPX (continued)

Please refer to the tables below:

VITA 78.1 PowerSX		
Position	Amphenol Part Number	Configuration Per VITA 78
P0	RVPX-P0837xx	Power SX P0
P1	RVPX-P1638xx	Power SX P1
P2	RVPX-P1639xx	Power SX P2

VITA 78.1 Power Supply		
Position	Amphenol Part Number	Configuration Per VITA 78
P0	RVPX-P08Vxx	Standard P0 VITA 46 Load
P1, P2	RVPX-P1640xx	Power Supply P1