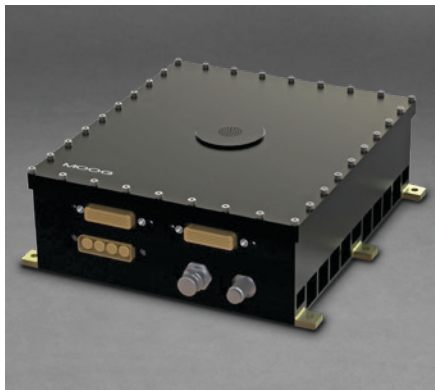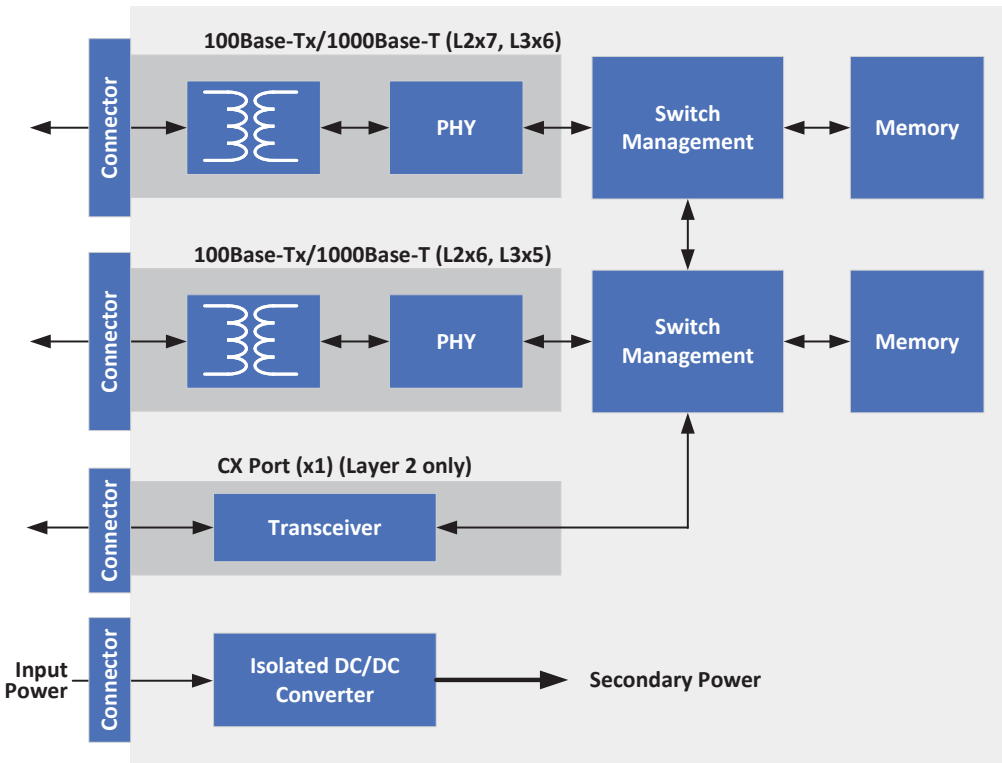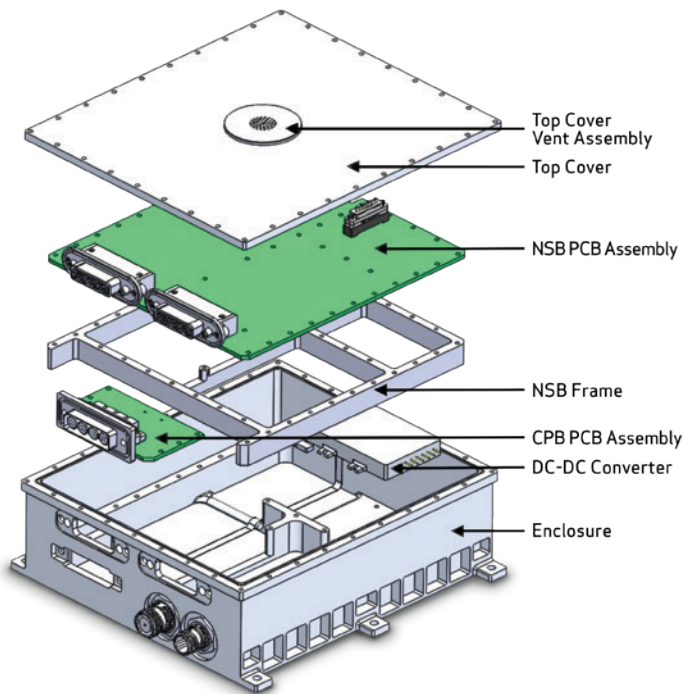# SPACE-QUALIFIED ETHERNET SWITCH

Moog's Layer 2 and Layer 3 Ethernet Switches are the industry's space-qualified switch rated for manned-flight applications. The switch is available in the following configurations:

- 11 Ethernet ports are available for Layer 3 switch
- 13 Ethernet plus 1 CX port are available for Layer 2 switch
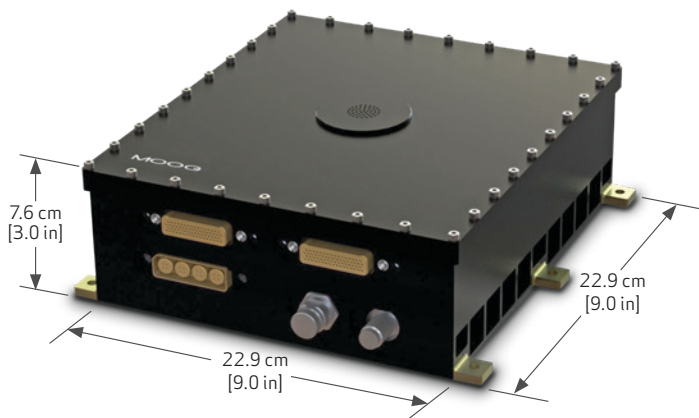

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Space-Qualified Ethernet Switch

100Base-Tx/1000Base-T (L2x7, L3x6)

Connector ↔ [transformer] ↔ PHY ↔ Switch Management ↔ Memory

100Base-Tx/1000Base-T (L2x6, L3x5)

Connector ↔ [transformer] ↔ PHY ↔ Switch Management ↔ Memory

CX Port (x1) (Layer 2 only)

Connector ↔ Transceiver

Input Power → Connector → Isolated DC/DC Converter → Secondary Power

Space-Qualified Ethernet Switch

MOOG

SPACE-QUALIFIED ETHERNET SWITCH

Space-Qualified Ethernet Switch Expanded View

KEY FEATURES	
Layer 2 Switch	Layer 3 Switch
13 port 1000/1000BASE-T	11 port 1000/1000BASE-T
1 Port 1000BASE-CX	N/A
VLAN Support	
SNMP Support	
IEEE-1588 Time Synchronization	
Also available in IEEE-INST-002 Level-2 and Level-3 Parts	
Power: 26 Watts	
Mass: 9 Lbs	
Operating temperature: -24 to +61C	

Space-Qualified Ethernet Switch Dimensions

MOOG
SPACE AND DEFENSE GROUP

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