

## Power Supply Products

### XPm2010



### XPm2020





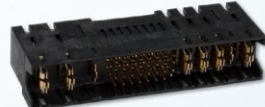
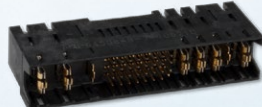
### XPm2120



### XPm2222



### General Information

<b>Description</b>	The XPm2010 is a standard 300 W PICMG 2.11 power supply. Note that the PICMG 2.11 connector does not insert into a VITA 46.0-compliant chassis without modifications to either the connector or chassis.	The XPm2020 is a standard 300 W VITA 62.0 power supply.	The XPm2120 is a 12 V-centric standard 300 W VITA 62.0 power supply.	The XPm2222 is a standard 260 W VITA 62.0 power supply with integrated MIL-STD-1275 transient suppression circuitry.
<b>Typical Backplane Used</b>	3U cPCI	3U VPX	3U VPX	3U VPX
<b>Chassis Pitch</b>	0.8"	0.8"	0.8"	1.0"
<b>Ruggedized and Conduction-Cooled</b>	Yes	Yes	Yes	Yes
<b>IPMI</b>	Yes	Yes	Yes	Yes
<b>Connector Used</b>	Positronics PCIH47M400A1	Tyco Electronics Multi-Beam XLE	Tyco Electronics Multi-Beam XLE	Tyco Electronics Multi-Beam XLE
<b>Connector Pinout Specification</b>	PICMG 2.11 cPCI	VITA 62.0 VPX	VITA 62.0 VPX	VITA 62.0 VPX
<b>Connector Photo</b>				
<b>Availability</b>	Now	Now	Now	Now

### Electrical Characteristics

<b>Max. Power Output</b>	300 W	300 W	300 W	260 W
<b>Max. Current on 12 V</b>	8.3 A	8.3 A	25 A	14.5 A
<b>Max. Current on 5 V</b>	22 A	22 A	40 A	15 A
<b>Max. Current on 3.3 V</b>	25 A	20 A	20 A	12 A
<b>Max. Current on -12 V</b>	2 A	2 A	2 A	.5 A
<b>3.3 V Isolated AUX Supply</b>	No	Yes / 4 A	Yes / 4 A	Yes / 0.8 A
<b>Max. Efficiency</b>	> 90%	> 90%	> 90%	87%
<b>MIL-STD-704 Input Voltage</b>	28 VDC	28 VDC	28 VDC	28 VDC
<b>Max. Steady State Input Voltage</b>	50 VDC	50 VDC	50 VDC	32 VDC
<b>Min. Steady State Input Voltage</b>	18 VDC	18 VDC	18 VDC	14 VDC
<b>MIL-STD-461E Filtering</b>	Integrated on Board	Integrated on Board	Integrated on Board	Integrated on Board
<b>MIL-STD-1275D Compliant</b>	No	No	No	Full Compliance
<b>Optional On-Board Hold-Up Capacitance</b>	Evan's Capacitor THS Series 100 ms @ 120 W Output	Evan's Capacitor THS Series 75 ms @ 120 W Output	Not Available (Contact X-ES)	10 ms @ 200 W Output