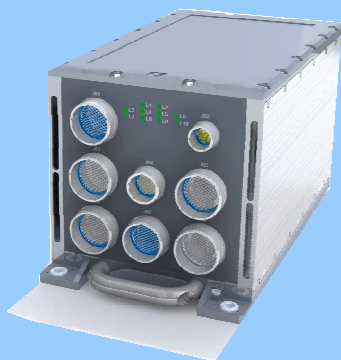


8 Slot 6Ux160mm Conduction Cooled ATR

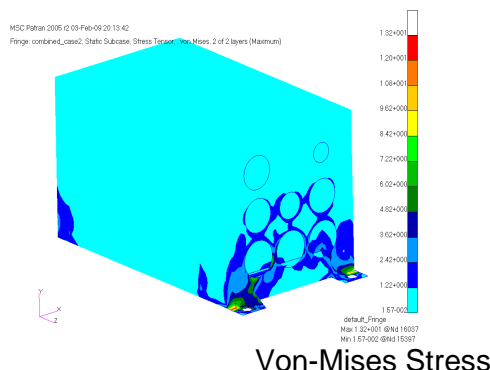
DATASHEET



VPX

MECHANICAL	
Mechanical Dimensions	190.5(W)x327(L)x193.5(H) MM Standard 6U X160MM – 7 Slots
Cooling	Conduction
Weight	4.652Kg
Maximum operating Ambient Temperature	85 deg C
COMPLIANCE	
Operating Temperature	-55°C to +65°C
Storage Temperature	-55°C to +125°C
Altitude	Up to 70,000 feet
Humidity	MIL-STD-810F, Meth 507 (5cycles/48 hrs, 60°C, 95% RH)
Vibration	MIL-STD-810F, Meth 514.5, Proc.1, Cat. 12 modified: acceleration PSD .04 G2/Hz from 20 to 2000 Hz
Shock	MIL-STD-810C, Meth 516.2, Proc.1, Figure 516.2-2 modified; 18 half-sine 40g. impact shocks (3 shocks each direction/axis) MIL-STD-461E; CE102;

Stress Summary					
Excitation Direction	Sigma Level	Maximum Displacement along excitation Direction (mm)	Max. Stress (MPa)		
			σ_X	σ_Y	σ_{XY}
X-Direction	1 σ	0.508998	34.37	26.77	11.02
	2 σ	1.017996	68.74	53.54	22.04
	3 σ	1.526994	103.11	80.31	33.06
Y-Direction	1 σ	0.507508	48.28	41.88	10.19
	2 σ	1.015016	96.56	83.76	20.38
	3 σ	1.522524	144.84	125.64	30.57
Z-Direction	1 σ	0.556257	41.69	41.84	15.21
	2 σ	1.112514	83.38	83.68	30.42
	3 σ	1.668771	125.07	125.52	45.63



Ordering Information
Part Number 2010-0002-00

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