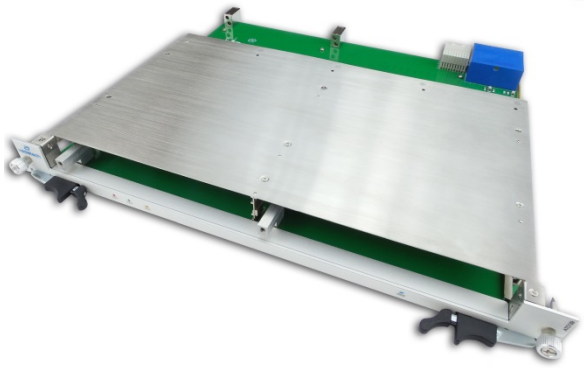
ATCA Carrier with Dual Shelf Manager Slots (VT011) – ATC139

ATCA Carrier, Dual Shelf Managers



KEY FEATURES

- Carrier for dual Shelf Manager slots (VadaTech's VT011)
- PICMG 3.0 Rev 3.0 compliant
- Redundant failover between the two shelf managers
- IPMI v2.0 compliant
- RoHS compliant

Benefits of Choosing VadaTech

- Ability to provide dual shelf managers in any ATCA system via a carrier blade
- Design utilizes proven VadaTech subcomponents and engineering techniques
- Electrical, mechanical, software, and system-level expertise in house
- Full ecosystem of front and rear boards, enclosures, specialty modules, and test/dev products from one source
- AS9100 and ISO9001 certified company

The ATC139 is a carrier for dual shelf managers (VadaTech's VT011). The board allows the use of high-performance shelf managers in any AdvancedTCA system.

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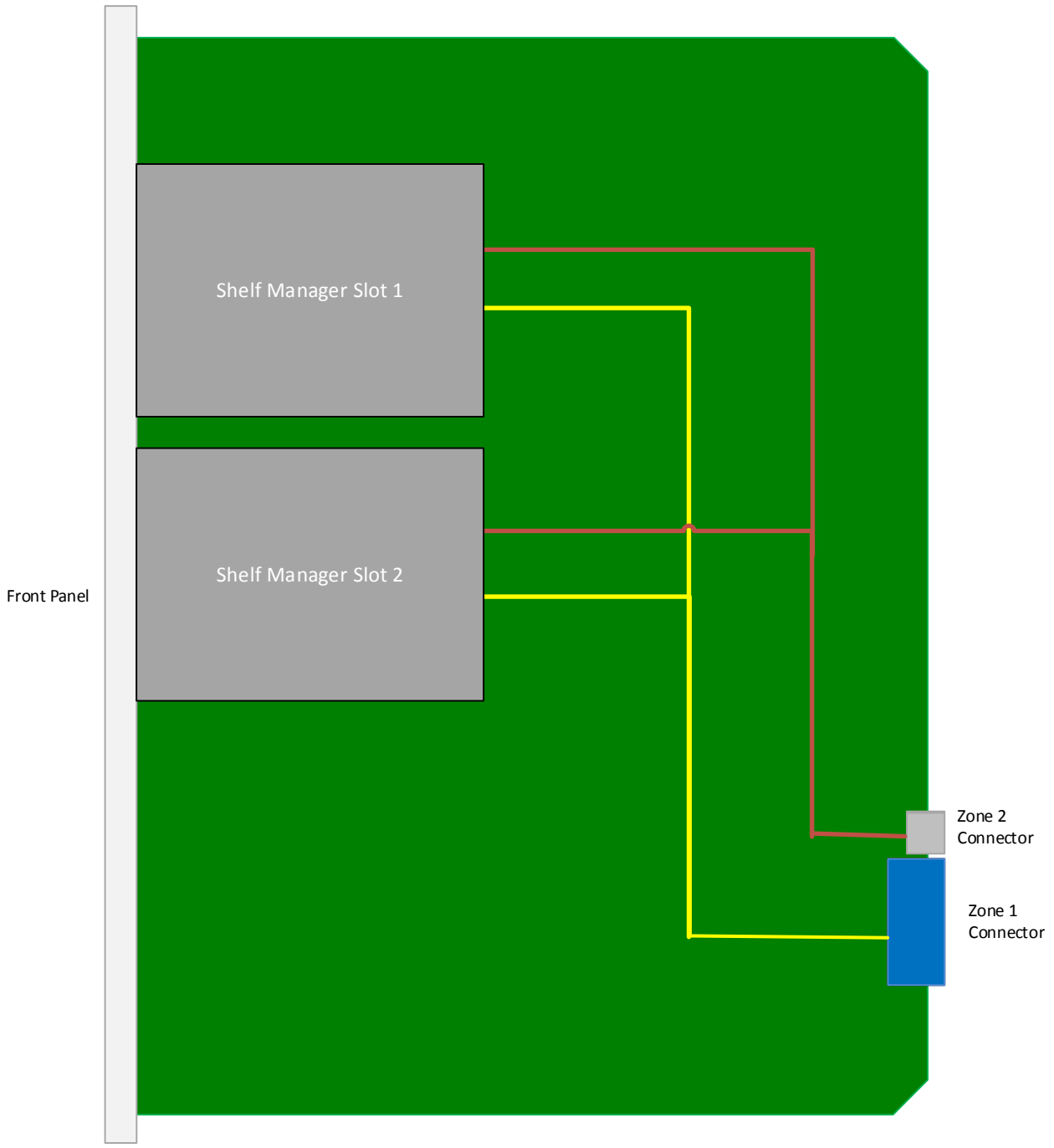
INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of ATCA and µTCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTM), Power Modules, and more. The company also offers integration services as well as pre-configured Application-Ready Platforms. Please contact VadaTech Sales for more information.

BLOCK DIAGRAM



SPECIFICATIONS

Architecture		
Physical	Dimensions	Width: 12.687" (322.25 mm)
		Depth: 11.024" (280 mm)
Type	ATCA Carrier	Dual Shelf Manager
Standards		
AMC	Type	AMC.1
Module Management	IPMI	IPMI version 2.0 and PICMG 3.0
PICMG	ATCA	PICMG 3.0 R2.0
Configuration		
Power	ATC139	~0 W for carrier (Consult the VT011 data sheet)
Environmental	Temperature	Operating Temperature: -5° to 65°C (Air flow requirements is to be greater than 200 LFM) Available in industrial temperature range
		Storage Temperature: –40° to +60°C
	Vibration	0.5 G RMS,20 to 20000 Hz random (operating) 6 Gs RMS (non-operating)
	Shock	30 Gs on each axis
	Relative Humidity	5 to 95 per cent, non-condensing
Software Support	Operating System	None
Conformal Coating		Humiseal 1A33 Polyurethane (Optional) Humiseal 1B31 Acrylic (Optional)
Other		
MTFB	MIL Handbook 217-F@TBD Hrs	
Certifications	Designed to meet FCC, CE and UL certifications where applicable	
Compliance	PICMG 3.0 Rev 3.0, RoHS 2.	
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	
Warranty	Two (2) years	
Trademarks and Disclaimer	The VadaTech logo is a registered trademark of VadaTech, Inc. Other registered trademarks are the property of their respective owners. AdvancedTCA™ and the AdvancedMC™ logo are trademarks of the PCI Industrial Computers Manufacturers Group. All rights reserved. Specification subject to change without notice	

ORDERING OPTIONS

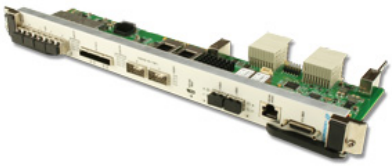
ATC139 – 000 – 000 – 00J

J = Conformal Coating
0 = None
1 = Humiseal 1A33 Polyurethane
2 = Humiseal 1B31 Acrylic

RELATED PRODUCTS

VT830 6U ATCA SlotSaver Chassis

ATC806 40G/10G ATCA Switch



ART132 ATCA RTM

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