



Hatec Vertrieb e.K.
Carl-von-Ossietzky-Straße 13
83043 Bad Aibling
E-Mail: info@hatec-vertrieb.de
Tel.: +49 8061 939 60-0

Pylon-Products

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VG-Products

“imperial”



VG SERIES: THE UNIVERSAL MASS INTERCONNECT



GLOBAL SCALE, MODULAR AGILITY, UNMATCHED VALUE

In functional testing, the interface is the heartbeat of the system. The ECT VG Series is the world's most widely adopted mass interconnect platform, engineered for teams that prioritize global support, rapid deployment, and the lowest total cost of ownership in the industry.

THE STRATEGIC ADVANTAGE

Dominant Global Footprint

As the recognized global leader in ATE interfaces, ECT provides a proven, cost-effective platform that is supported by a massive network of third-party fixture manufacturers worldwide.

The Lowest Cost Standard

The VG Series is positioned as the most budget-efficient standard interface on the market, offering a high-density, reliable connection without the "custom-build" price tag.

Immediate Availability

We maintain extensive stock of receivers and modules. While others quote long lead times, we deliver the components you need to get your test floor online now.

ECT Contact Integrity

Every VG module benefits from ECT's legendary contact technology, ensuring consistent electrical performance and long-term durability in demanding functional environments.

VALUE-ADD ON DEMAND: INTEGRATION WITHOUT COMPROMISE

Whether you need the "DNA" or the "Complete Organism," we deliver to your exact system architecture:

Discrete Contact Solutions (The DNA)

For OEMs requiring a highly reliable single interconnect to be integrated into proprietary housings. Engineered for the tightest pitches in the semi-test world, our discrete pins offer the lowest possible variability.

Connectorized Integration (The Organism)

Fully integrated blocks where contacts are connectorized for *solderless integration en masse*. This "plug-and-play" approach eliminates assembly labor, reduces wiring errors, and allows for rapid field replacement and system scaling.

Custom Interfaces

High-visibility, high-durability contact blocks that define the user experience and reliability of your ICT platform.



ONE INTERFACE, LIMITLESS CAPABILITIES

The VG platform is a modular powerhouse, allowing you to mix and match interface blocks to meet any UUT requirement:

- **High Frequency & Signal** | Maintain signal integrity for complex RF and high-speed digital paths.
- **High-Current Power** | Dedicated power blocks designed for heavy-duty current delivery without thermal compromise
- **Simplified I/O** | Streamlined analog and digital interconnects for rapid system wiring and troubleshooting.
- **Pneumatic Pass-Through** | Integrated pneumatic contacts for seamless, tester-based air control of fixture actuators
- **Vacuum Support** | Fully compatible with vacuum-actuated fixture solutions.

THE ECT ADVANTAGE: BEYOND THE COMPONENT

Elite IP & Design Architecture

We don't just manufacture; we innovate. With a deep history of IP generation and patent-led design, our engineering team collaborates with your R&D to solve high-pin-count challenges and minimize pin-to-pin variability at the micron level.

Molded Cost-Down Strategies

A core pillar of our design capability is the transition of complex, multi-part machined interfaces into high-efficiency molded structures. This design-led optimization allows us to aggressively "cost-down" your solution while simultaneously improving durability and part-to-part consistency.

Scalable Manufacturing Elasticity

The ATE world moves fast. ECT is built to mirror your demand—scaling up instantly for massive global rollouts and scaling down with precision. We provide the manufacturing "breathing room" our competitors simply cannot match.

Financial Strength & Operational Muscle

In a market of niche players, ECT offers the financial stability to operate at a massive global scale. We are a bankable partner with the capital to invest in your long-term roadmap and absorb market shifts.

CUSTOM ATE INTERFACES: ENGINEERING AT SCALE

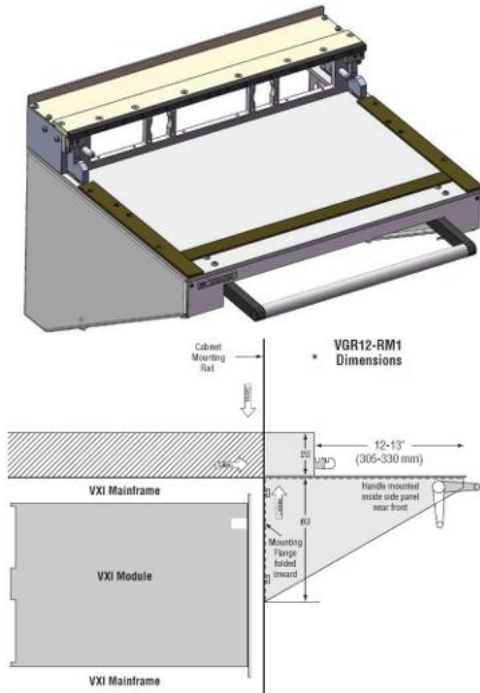
Your Architecture.
Our Precision.
Total Agility.

In the high-stakes world of Semiconductor and In-Circuit Testing, the interface is the critical point where signal integrity meets mechanical endurance. ECT partners with the world's leading ATE manufacturers to design and deploy custom interface solutions that excel in dynamic, rapidly changing demand environments.



VG SERIES MASS INTERCONNECT RECEIVERS

VGR12-RM1

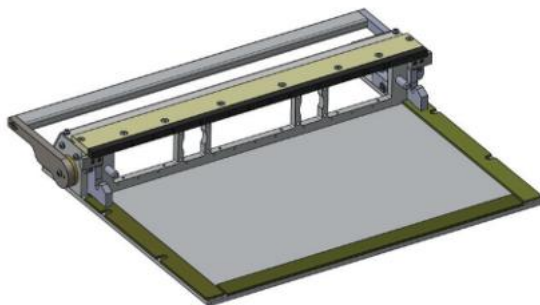


12 Block Rack Mount Receiver

Reference No. 140

- To be used with all fixtures with a Pylon interface (GenRad, ITA, R&S).
- Up to 10 VG receiver blocks and max. 2 vacuum port
- Modules can be installed.
- Vacuum port module to be ordered separately.
- VGRCB-VPM (P/No 576)
- Mounting in a 19 in. Rack

VGR12 (21)

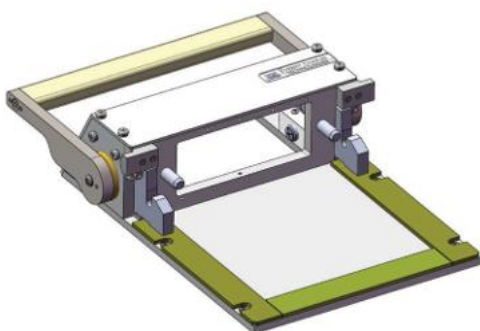


12 Block Desktop Receiver

Reference No. 12 (21)

- To be used with all fixtures with a Pylon interface (GenRad, ITA, R&S).
- Up to 10 VG receiver blocks and max. 2 vacuum port
- Modules can be installed.
- Vacuum port module to be ordered separately.
- VGRCB-VPM (P/No 576)

VGR4

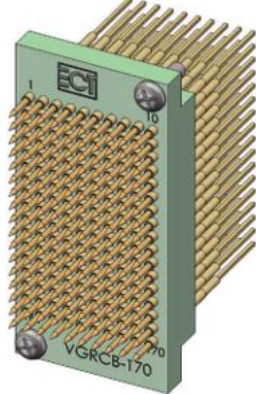
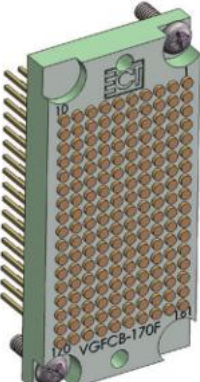
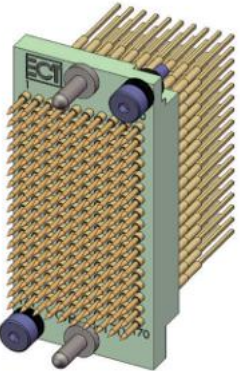
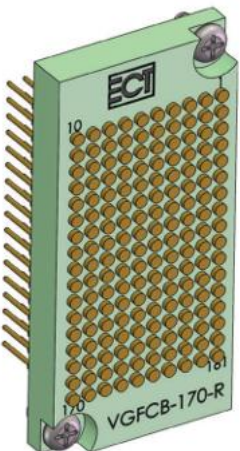
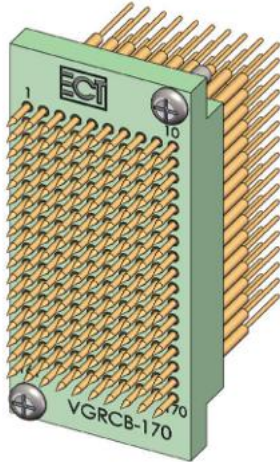


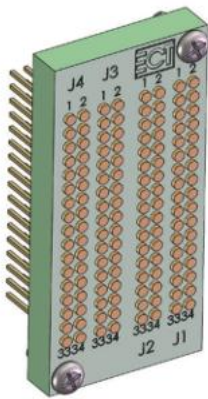
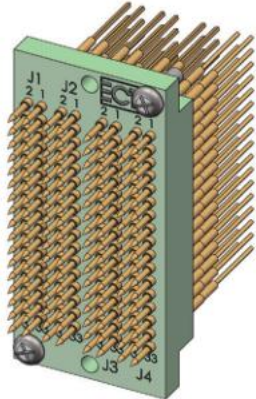
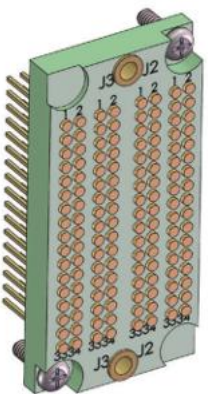
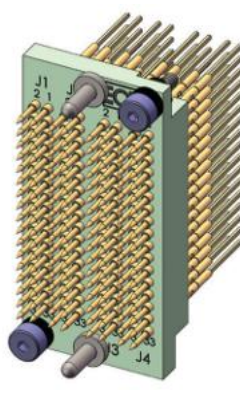
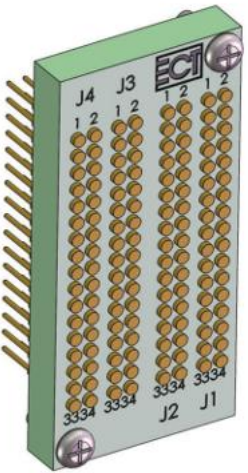
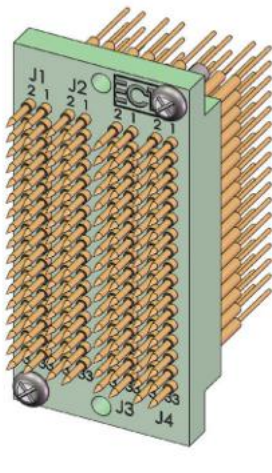
Mini 4 Block Desktop Receiver

Reference No. 122

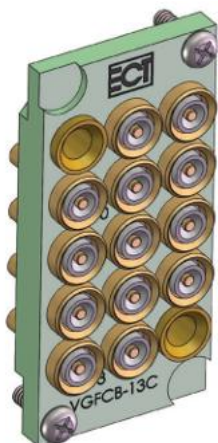
- To be used for small bench-top test requirements with max. 4 receiver blocks.
- No vacuum port module.
- For the fixture side a metal adapter box VGF4-0808-AB (P/No 123), size 8 x 8 in. (203 x 203 mm.) is available.

VG FIXTURE & RECEIVER SIDE MODULES

VGFCB-170H  Includes: • (170) SIP-90-2 Interface pin • Mounting hardware 	VGRCB-170H  Includes: • (170) EPA-2B40 • (170) SPR-2W-2 • Mounting hardware 
VGFCB-170F-H  Includes: • (170) SIP-90-2 Interface pin • Mounting hardware 	VGRCB-170F-H  Includes: • (170) EPA-2B40 • (170) SPR-2W-2 • Floating hardware 
VGFCB-170R  Includes: • (170) A12962 Round pins • Mounting hardware 	VGRCB-170R  Includes: • (170) EPA-2B40 • (170) SPR-2W-3 • Mounting hardware 

VGFCB-136H		VGRCB-136H	
	Includes: • (136) SIP-90-2 Interface pin • Mounting hardware 		Includes: • (136) EPA-2B40 • (136) SPR-2W-2 • Mounting hardware 
VGFCB-136F-H		VGRCB-136F-H	
	Includes: • (136) SIP-90-2 Interface pin • Mounting hardware 		Includes: • (136) EPA-2B40 • (136) SPR-2W-2 • Floating hardware 
VGFCB-136R		VGRCB-136R	
	Includes: • (136) A12962 Round pins • Mounting hardware 		Includes: • (136) EPA-2B40 • (136) SPR-2W-3 • Mounting hardware 

VGFCB-13CF



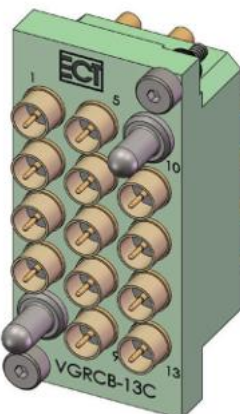
Includes:

- (13) Coaxial contacts 3.7 GHz
- Mounting hardware

Designed for Snap-on SMB Cables



VGRCB-13CF



Includes:

- (13) Coaxial contacts 3.7 GHz
- Floating hardware

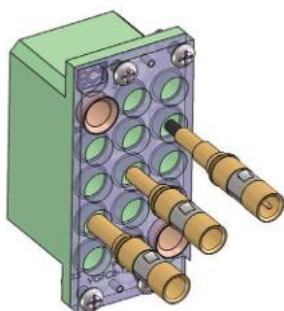
Designed for Snap-on SMB Cables

Optional Contacts:

- Replacement signal probe
 - A35862



VGFCB-13CPF



Includes:

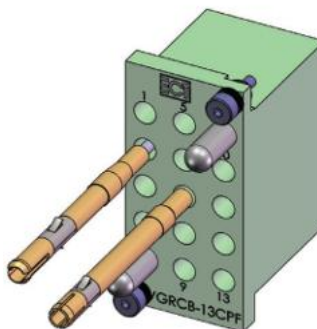
- Modular Coax and/or power
- (13) Position block
- (13) Position alignment plate
- Mounting hardware

Optional Contacts:

- Coax - CF-CA50RG174-36
 - 50 Ω / 1 GHz
 - 36" RG174 Cable
- Power - 610115102
 - 30 A / Accepts 10 AWG
- Power - 610115103
 - 20 A / Accepts 12 AWG
- Coax/Power Extraction Tool
 - VGFXT



VGRCB-13CPF



Includes:

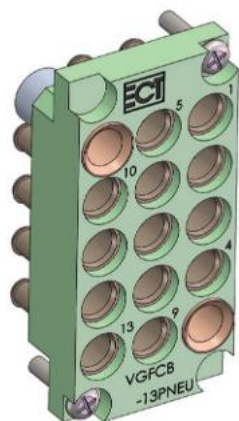
- Modular Coax and/or power
- (13) Position block
- Floating hardware

Optional Contacts:

- Coax - CR-CA50RG174-36
 - 50 Ω / 1 GHz
 - 36" RG174 Cable
- Power - 610116102
 - 30 A / Accepts 10 AWG
- Coax/Power Extraction Tool
 - VGRXT



VGFCB-13PNEUF



Includes:

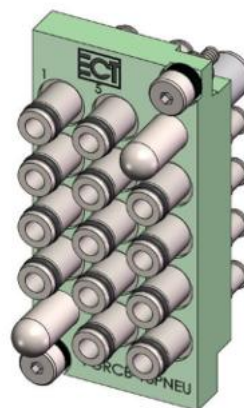
- (13) A32432 Air pneumatic fittings
- Mounting hardware

Optional Contacts:

- Fixture air fitting contact
 - A32432



VGRCB-13PNEUF



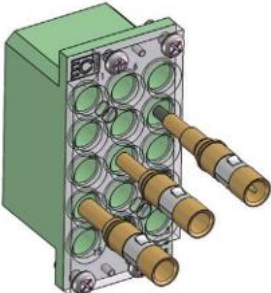
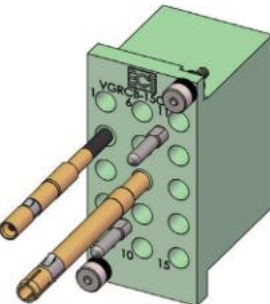
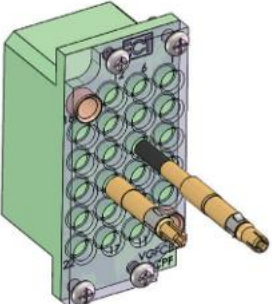
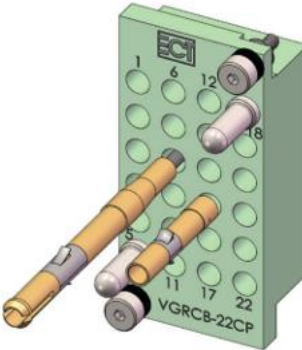
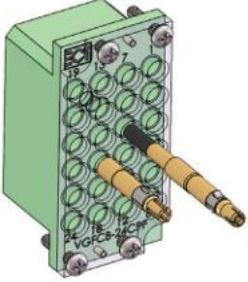
Includes:

- (13) Installed pneumatic fittings
- Floating hardware

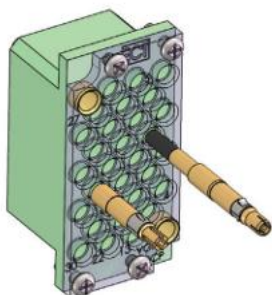
Optional Contacts:

- Receiver air fitting contact
 - A32431
- O-Ring
 - A34432



VGFCB-15CPF		VGRCB-15CPF	
	Includes: • Modular Coax and/or Power • (15) Position block • (15) Position alignment plate • Mounting hardware Optional Contacts: • Coax - CF-CA50RG174-36 • 50 Ω / 1 GHz • 36" RG174 Cable • Power - 610115102 • 30 A / Accepts 10 AWG • Power - 610115103 • 20 A / Accepts 12 AWG • Coax/Power Extraction Tool • VGFXT 		Includes: • Modular Coax and/or Power • (15) Position block • Floating hardware Optional Contacts: • Coax - CR-CA50RG174-36 • 50 Ω / 1 GHz • 36" RG174 Cable • Power - 610116102 • 30 A / Accepts 10 AWG • Extraction Tool • VGRXT 
VGFCB-22CPF		VGRCB-22CPF	
	Includes: • (22) Position block • (22) Position alignment plate • Mounting hardware Optional Contacts: • Coax - CF-MCA50RG316-36 • 50 Ω / 1 GHz • 36" RG316 Cable • Power - 0883011-02 • 50 A / Accepts 8 AWG • Extraction Tool • VGMXT 		Includes: • Modular Coax and/or Power • (22) Position block • Floating hardware Optional Contacts: • Coax - CR - MCA50RG316-36 • 50 Ω / 1 GHz • 36" RG316 Cable • Power - 610116112 • 50 A / Accepts 8 AWG • Extraction Tool • VGMXT 
VGFCB-24CPF		VGRCB-24CPF	
	Includes: • (24) Position block • (24) Position alignment plate • Mounting hardware Optional Contacts: • Coax - CF-MCA50RG316-36 • 50 Ω / 1 GHz • 36" RG316 Cable • Power - 0883011-02 • 50 A / Accepts 8 AWG • Extraction Tool • VGMXT 		Includes: • Modular Coax and/or Power • (24) Position block • Floating hardware Optional Contacts: • Coax - CR-MCA50RG316-36 • 50 Ω / 1 GHz • 36" RG316 Cable • Power - 610116112 • 50 A / 8 AWG • Extraction Tool • VGMXT 

VGFCB-30CPF



Includes:

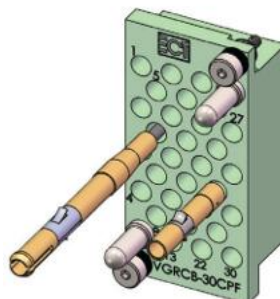
- (30) Position block
- (30) Position alignment plate
- Mounting hardware

Optional Contacts:

- **Coax - CF-MCA50RG316-36**
 - 50 Ω / 1 GHz
 - 36" RG136 Cable
- **Power - 0883011-02**
 - 50 A / Accepts 8 AWG
- **Extraction Tool**
 - VGMXT



VGRCB-30CPF



Includes:

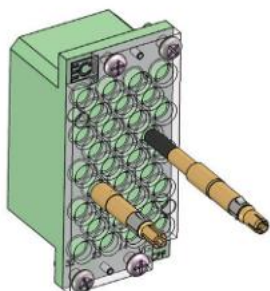
- Modular Coax and/or Power
- (30) Position block
- Floating hardware

Optional Contacts:

- **Coax - CR-MCA50RG316-36**
 - 50 Ω / 1 GHz
 - 36" RG174 Cable
- **Power - 610116102**
 - 50 A / Accepts 8 AWG
- **Extraction Tool**
 - VGMXT



VGFCB-32CPF



Includes:

- (32) Position block
- (32) Position alignment plate
- Mounting hardware

Optional Contacts:

- **Coax - CF-MCA50RG316-36**
 - 50 Ω / 1 GHz
 - 36" RG316 Cable
- **Power - 0883011-02**
 - 50 A / Accepts 8 AWG
- **Extraction Tool**
 - VGMXT



VGRCB-32CPF



Includes:

- (32) Position block
- Floating hardware

Optional Contacts:

- **Coax - CR-MCA50RG316-36**
 - 50 Ω / 1 GHz
 - 36" RG316 Cable
- **Power - 610116112**
 - 50 A / Accepts 8 AWG
- **Extraction Tool**
 - VGMXT



VGFCB-32P

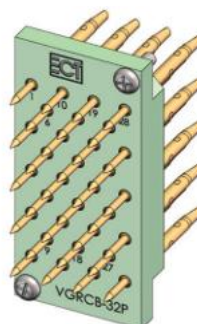


Includes:

- (32) Power pins (25 Amp)
- Mounting hardware



VGRCB-32P

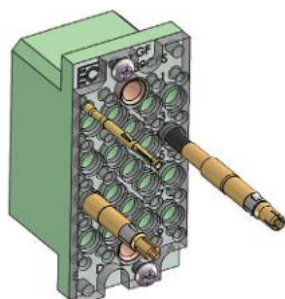


Includes:

- (32) SPR-2W-1
- Mounting hardware



VGFCB-39CPSF



Includes:

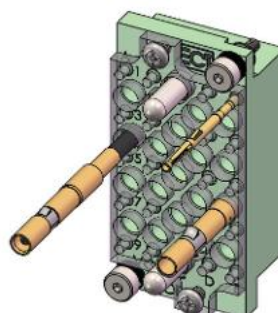
- (39) Position block
- (19) for coax/power
- (20) for signal contact
- Mounting hardware

Optional Contacts:

- **Coax - CF-MCA50RG316-36**
 - 50 Ω / 1 GHz
 - 36" RG316 Cable
- **Power - 0883011-02**
 - 50 A / Accepts 8 AWG
- **Coax/Power Extraction Tool**
 - VGMXT
- **Signal Contact - 610110101**
 - 7A / 20-24 AWG Crimp Contact



VGRCB-39CPSF



Includes:

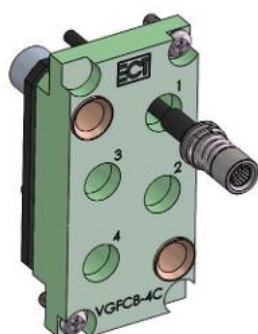
- Floating hardware
- (39) Position block
 - (19) for coax/power
 - (20) for signal contact

Optional Contacts:

- **Coax - CF-MCA50RG316-36**
 - 50 Ω / 1 GHz
 - 36" RG316 Cable
- **Power - 610116112**
 - 50 A / Accepts 8 AWG
- **Coax/Power Extraction Tool**
 - VGMXT
- **Signal Contact - 610110101**
 - 7A / 20-24 AWG Crimp Contact



VGFCB-4CF



Includes:

- (4) Position block
- Mounting hardware

Optional Contacts:

- VGF-SMB-36 Coax Contact with 36" LMR-100
- Compatible with legacy A32433



VGRCB-4CF



Includes:

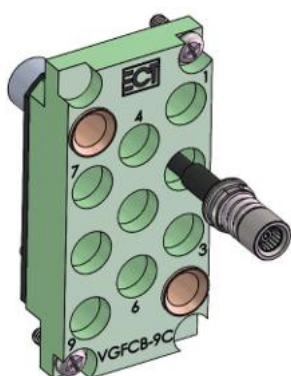
- (4) Position block
- Floating hardware

Optional Contacts:

- VGR-SMB Contacts ordered separately
- Compatible with legacy A31889 contact



VGFCB-9CF



Includes:

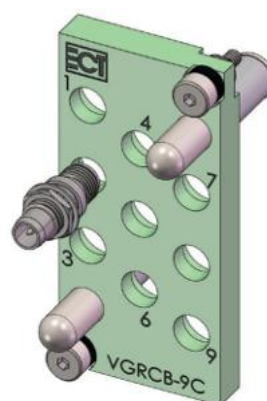
- (9) Position block
- Mounting hardware

Optional Contacts:

- VGF-SMB-36 Coax Contact with 36" LMR-100
- Compatible with legacy A32433



VGRCB-9CF



Includes:

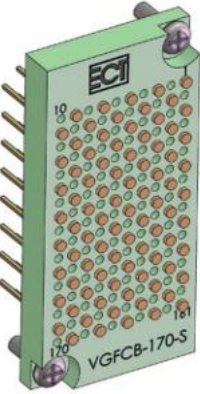
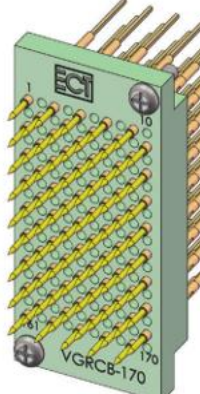
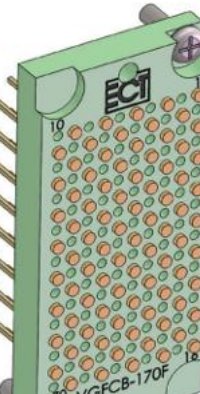
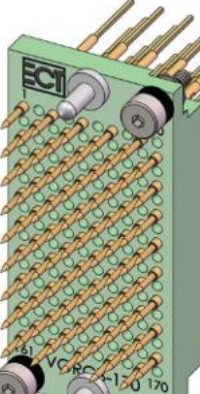
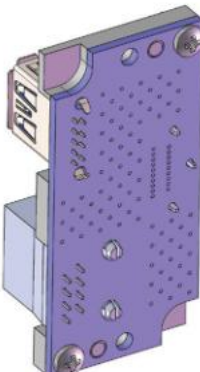
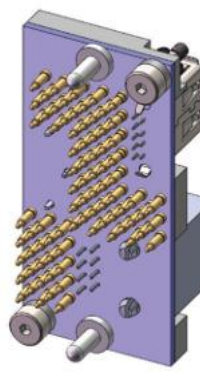
- (9) Position block
- Floating hardware

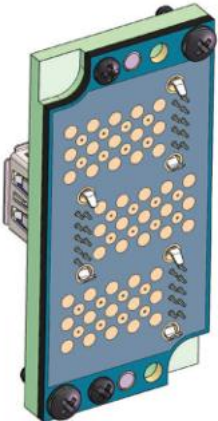
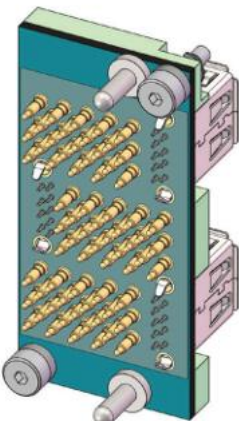
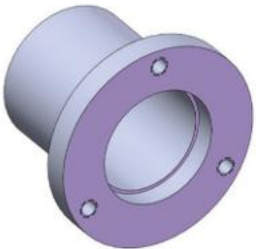
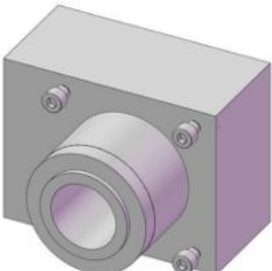
Optional Contacts:

- VGR-SMB Contacts ordered separately
- Compatible with legacy A35764



VG Series

VGFCB-85H  <i>Includes:</i> • (85) SIP-90-2 interface pin • Mounting hardware	VGRCB-85H  <i>Includes:</i> • (85) EPA-2B40 • (85) SPR-2W-2 • Mounting hardware
VGFCB-85F-H  <i>Includes:</i> • (85) SIP-90-2 interface pin • Mounting hardware	VGRCB-85F-H  <i>Includes:</i> • (85) EPA-2B40 • (85) SPR-2W-2 • Floating hardware
VGFCB-76D  <i>Includes:</i> • (1) RJ45 Jack for DUT connection • (1) HDMI Jack for DUT connection • (1) USB Type A Jack for DUT connection • (1) PCBA for Tester Interface • Mounting hardware	VGRCB-76D  <i>Includes:</i> • (1) RJ45 Jack for Fixture Interface • (1) HDMI Jack for Fixture connection • (1) USB Type A Jack for Fixture connection • (1) PCBA for Fixture Interface • (76) CP-059 series probes • Floating hardware <i>Designed for full bandwidth video, ethernet and USB 2.x data</i>

VGFCB-3USB		VGRCB-3USB	
	Includes: • (3) USB-A jacks for DUT connection • (1) PCBA for Tester Interface • Mounting hardware <i>Designed for full bandwidth USB3.x passthrough</i> 		Includes: • (3) USB-a Jacks • (1) PCBA for Fixture Interface • (69) CP-059 Series probes • Floating hardware <i>Designed for full bandwidth USB3.x passthrough</i> 
VGFCB-VPM		VGRCB-VPM	
	Includes: • Vacuum port • (1) Brass pipe plug • Mounting hardware		Includes: • Vacuum port • (1) Brass pipe plug • Mounting hardware 