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Pylon-Products

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VG-Products

“metric”



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)

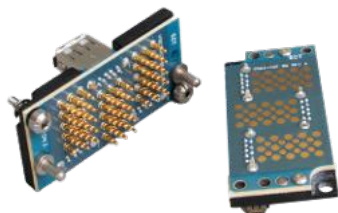
For OEMs requiring a highly reliable single interconnect to be integrated into proprietary housings. Engineered for the tightest pitches in the semi-test world, our discrete pins offer the lowest possible variability.

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.

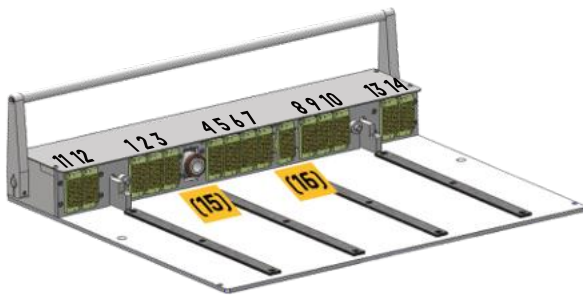
CUSTOM ATE INTERFACES: ENGINEERING AT SCALE

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.

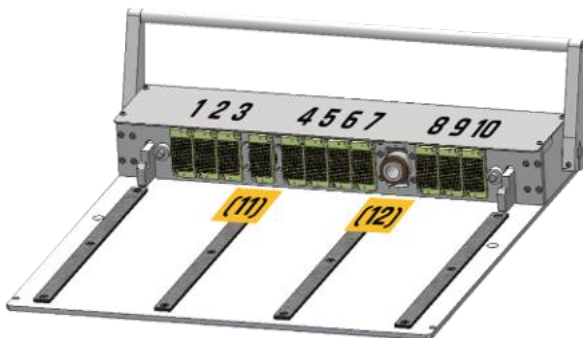


VG SERIES MASS INTERCONNECT RECEIVERS



VGR-16M Desktop Receiver (14+2) - metric -

- To be used with all fixtures with a pylon interface (GENRad, ITA, R&S)
- Up to 16 VG receiver blocks
- Modules can be installed
- Optional usage: 14 VG receiver blocks and 2 vacuum ports
- Vacuum port module to be ordered separately
- VGRCM-VPM

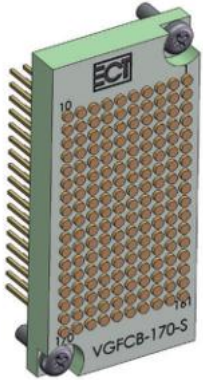


VGR-12M Desktop Receiver (10+2) - metric -

- To be used with all fixtures with a pylon interface (GENRad, ITA, R&S)
- Up to 12 VG receiver blocks
- Modules can be installed
- Optional usage: 10 VG receiver blocks and 2 vacuum ports
- Vacuum port module to be ordered separately
- VGRCM-VPM

VG FIXTURE & RECEIVER SIDE MODULES

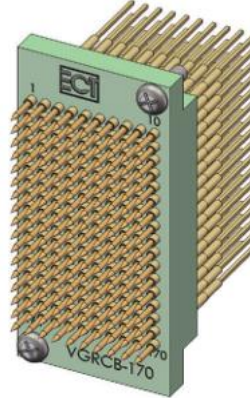
VGFCM-170H



Includes:

- (170) SIP-90-2 interface Pin
- Mounting hardware (metric)

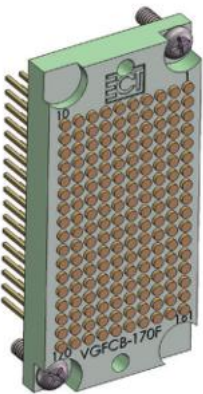
VGRCM-170H



Includes:

- (170) EPA-2B40
- (170) SPR-2W-2 W/Post
- Mounting hardware (metric)

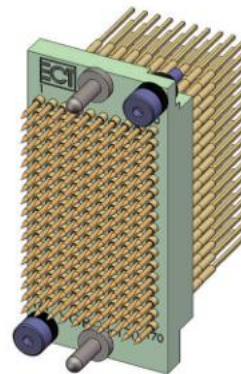
VGFCM-170F-H



Includes:

- (170) SIP-90-2 interface Pin
- Mounting hardware (metric)

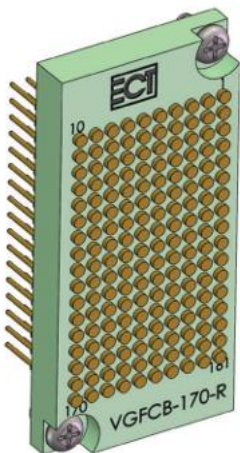
VGRCM-170F-H



Includes:

- (170) EPA-2B40
- (170) SPR-2W-2
- Floating hardware (metric)

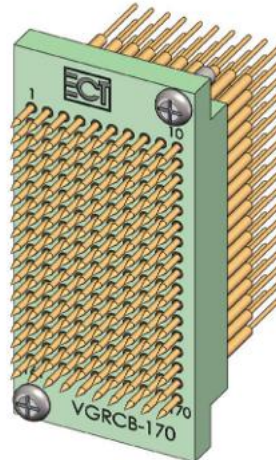
VGFCM-170R



Includes:

- (170) A12962 Round Pin
- Mounting Hardware (metric)

VGRCM-170R

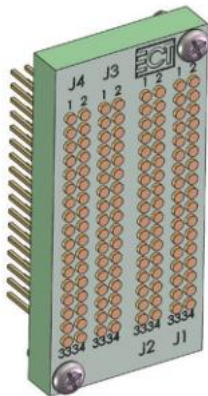


Includes:

- (170) EPA-2B40
- (170) SPR-2W-2
- Mounting hardware (metric)

VG Series

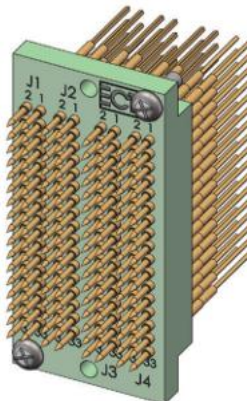
VGFCM-136H



Includes:

- (136) SIP-90-2 interface Pin
- Mounting hardware (metric)

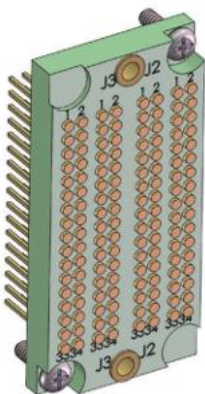
VGRCM-136H



Includes:

- (136) EPA-2B40
- (136) SPR-2W-2 W
- Mounting hardware (metric)

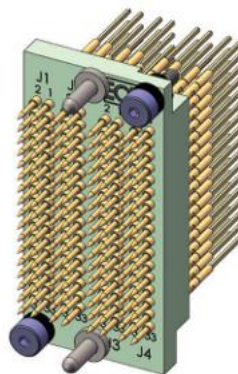
VGFCM-136F-H



Includes:

- (136) SIP-90-2 interface Pin
- Mounting hardware (metric)

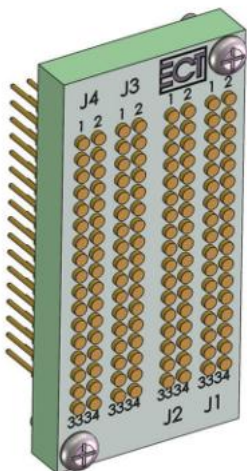
VGRCM-136F-H



Includes:

- (136) EPA-2B40
- (136) SPR-2W-2
- Floating hardware (metric)

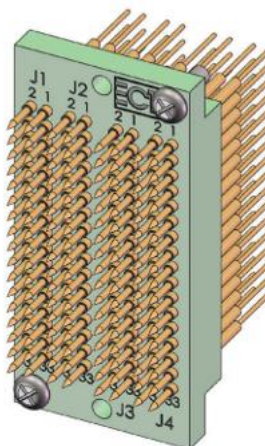
VGFCM-136R



Includes:

- (136) A12962 Round Pins
- Mounting hardware (metric)

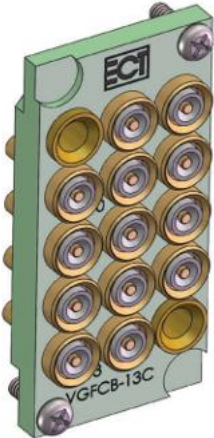
VGRCM-136R



Includes:

- (136) EPA-2B40
- (136) SPR-2W-3

VGFCM-13CF

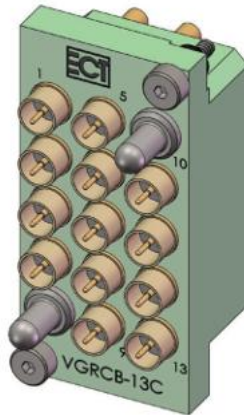


Includes:

- (13) coaxial contacts 3.7 GHZ
- Floating hardware (metric)

Designed for Snap-on SMB Cables

VGRCM-13CF



Includes:

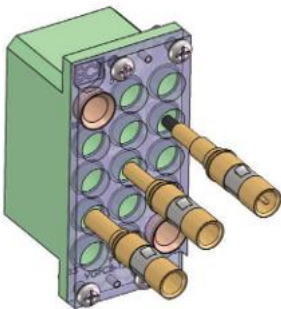
- (13) coaxial contacts 3.7 GHZ
- Mounting hardware (metric)

Designed for Snap-on SMB Cables

Optional Contacts:

- **Replacement signal probe**
 - A35862

VGFCM-13CPF



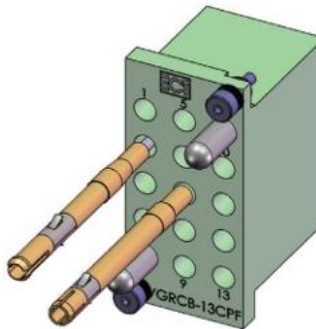
Includes:

- Modular Coax and/or Power
- (13) position block
- (13) position alignment plate
- Mounting hardware (metric)

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
- **Contact Extraction Tool**
 - VGEXT

VGRCM-13CPF



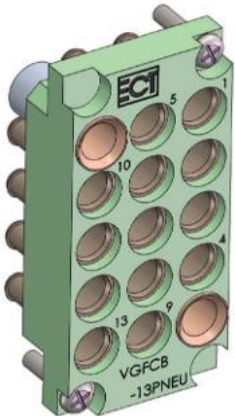
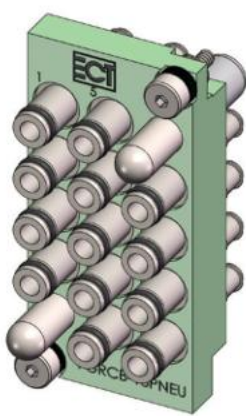
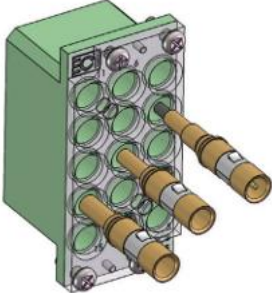
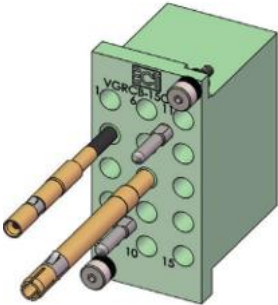
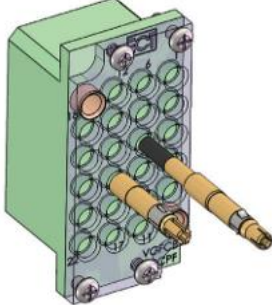
Includes:

- Modular Coax and/or Power
- (13) position block
- Mounting hardware (metric)

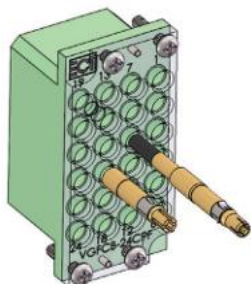
Optional Contacts:

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

VG Series

VGFCM-13PNEUF		VGRCM-13PNEUF	
	Includes: • (13) A32432 air pneumatic fittings • Mounting hardware (metric) Optional Contacts: • Fixture air fitting contact • A32432		Includes: • (13) installed pneumatic fittings • Mounting Hardware (metric) Optional Contacts: • Receiver air fitting contact • A32431 • O-Ring • A34432
VGFCM-15CPF		VGRCM-15CPF	
	Includes: • Modular Coax and/or Power • (15) position block • (15) position alignment plate • Mounting hardware (metric) 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 • Contact Extraction Tool • VGFXT		Includes: • Modular Coax and/or Power • (15) position block • Mounting hardware (metric) Optional Contacts: • Coax - CR-CA50RG174-36 • 50 Ω / 1 GHz • 36" RG174 Cable • Power - 610116102 • 30 A / Accepts 10 AWG • Contact Extraction Tool • VGRXT
VGFCM-22CPF		VGRCM-22CPF	
	Includes: • (22) position block • (22) position alignment plate • Mounting hardware (metric) Optional Contacts: • Coax - CF-MCA50RG316-36 • 50 Ω / 1 GHz • 36" RG316 Cable • Power - 0883011-02 • 50 A / Accepts 8 AWG • Contact Extraction Tool • VGMXT		Includes: • Modular Coax and/or Power • (22) position block • Mounting hardware (metric) Optional Contacts: • Coax - CR - MCA50RG316-36 • 50 Ω / 1 GHz • 36" RG316 Cable • Power - 610116112 • 50 A / Accepts 8 AWG • Contact Extraction Tool • VGMXT

VGFCM-24CPF



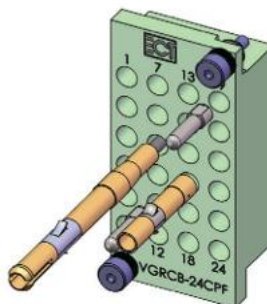
Includes:

- (24) position block
- (24) position alignment plate
- Mounting hardware (metric)

Optional Contacts:

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

VGRCM-24CPF



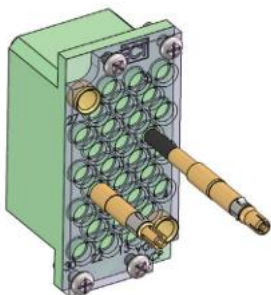
Includes:

- Modular Coax and/or Power
- (24) position block
- Floating hardware (metric)

Optional Contacts:

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

VGFCM-30CPF



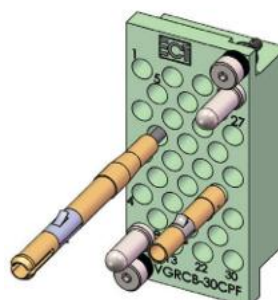
Includes:

- (30) position block
- (30) position alignment plate
- Mounting hardware (metric)

Optional Contacts:

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

VGRCM-30CPF



Includes:

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

Optional Contacts:

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

VGFCM-32CPF



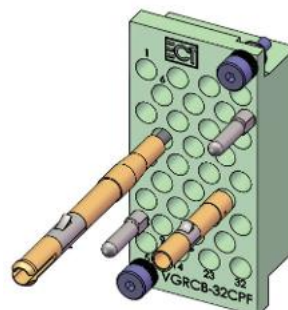
Includes:

- (32) position block
- (32) position alignment plate
- Mounting hardware (metric)

Optional Contacts:

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

VGRCM-32CPF



Includes:

- (32) position block
- Floating hardware (metric)

Optional Contacts:

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

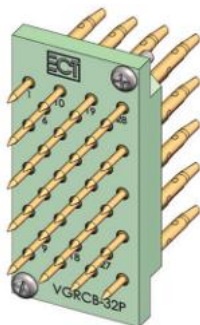
VGFCM-32P



Includes:

- (32) power pins (25 Amp)
- Mounting hardware (metric)

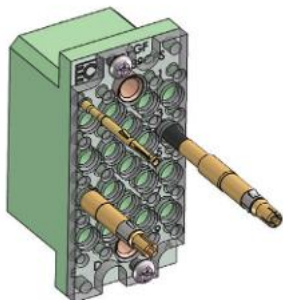
VGRCM-32P



Includes:

- (32) HCP-14B (25 Amp)
- Mounting hardware (metric)

VGFCM-39CPSF



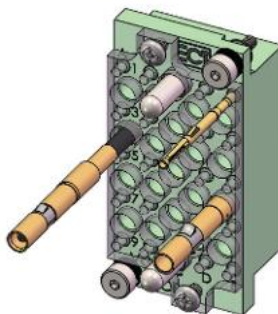
Includes:

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

Optional Contacts:

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

VGRCM-39CPSF



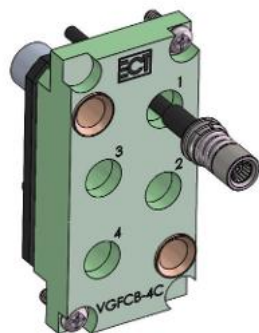
Includes:

- 2 installed alignment pins
- 2 installed floating mounting screws
- (39) position block
 - (19) for coax/power
 - (20) for signal contact
- Floating hardware (metric)

Optional Contacts:

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

VGFCM-4CF



Includes:

- (2) installed alignment pins
- (2) installed floating mounting screws (metric)
- (4) holes (without contacts)

Optional Contacts:

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

VGRCM-4CF

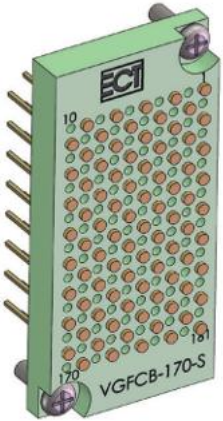
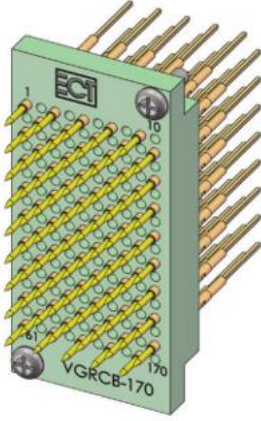
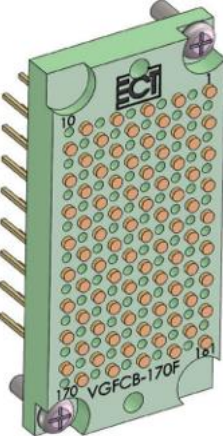
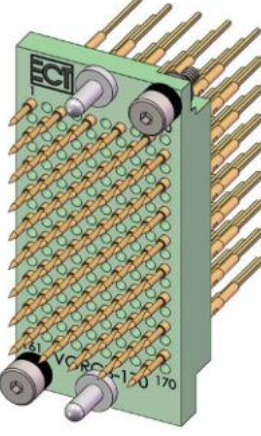
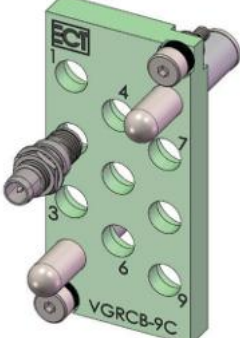


Includes:

- (2) installed alignment pins
- (2) installed floating mounting screws (metric)
- (4) holes (without contacts)

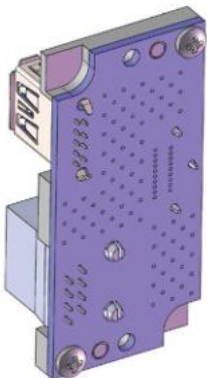
Optional Contacts:

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

VGFCM-85H		VGRCM-85H	
	Includes: • (85) SIP-90-2 interface Pin • Mounting hardware (metric)		Includes: • (85) EPA-2B40 • (85) SPR-2W • Mounting hardware (metric)
VGFCM-85F-H		VGRCM-85F-H	
	Includes: • (85) SIP-90-2 interface Pin • Mounting hardware (metric)		Includes: • (85) EPA-2B40 • (85) SPR-2W-2 • Floating hardware (metric)
VGFCM-9CF		VGRCM-9CF	
	Includes: • (2) installed alignment pins • (2) installed floating mounting screws (metric) • (9) holes (without contacts) Optional Contacts: • VGF-SMB-36 Coax Contact with 36" LMR-100 • Compatible with legacy A32433		Includes: • (2) installed alignment pins • (2) installed floating mounting screws (metric) • (4) holes (without contacts) Optional Contacts: • VGR-SMB Contacts ordered separately • Compatible with legacy A35764

VG Series

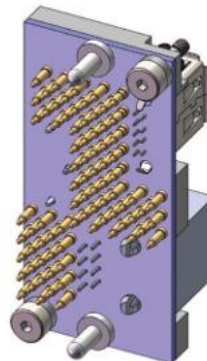
VGFCM-76D



Includes:

- (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 (metric)

VGRCM-76D

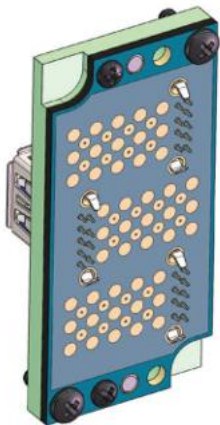


Includes:

- (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 (metric)

Designed for full bandwidth video, ethernet and USB 2.x data

VGFCM-3USB

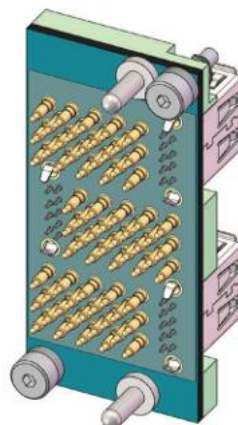


Includes:

- (3) USB-A jacks for DUT connection
- (1) PCBA for Tester Interface
- Mounting hardware (metric)

Designed for full bandwidth USB3.x passthrough

VGRCM-3USB

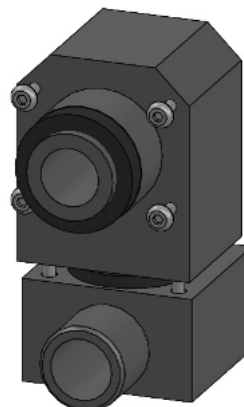


Includes:

- (3) USB-a Jacks
- (1) PCBA for Fixture Interface
- (69) CP-059 Series probes
- Floating hardware (metric)

Designed for full bandwidth USB3.x passthrough

VGRCM-VPM



Includes:

- Vacuum port



**DRIVEN BY OUR COMMITMENT,
WE DO OUR BEST TO ENSURE
RELIABLE CONTACTING & STABLE
SUPPLY CHAINS**

**always with an eye towards
future.**

INSPIRED?

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