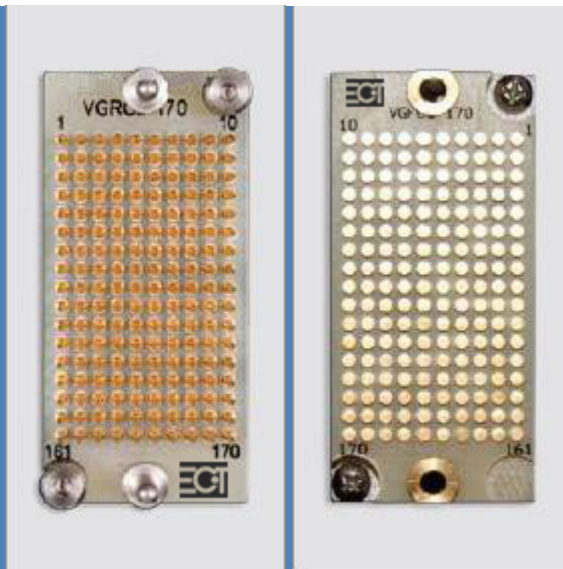




# VGR/VGFCB-170H / 170R / 170F-H / 170F-R 110-IDC/ 40-A

The VGRCB-170 is a medium density contact block designed for use with ribbon cables plugging directly onto the back of the interconnect blocks. The block is sold fully loaded.

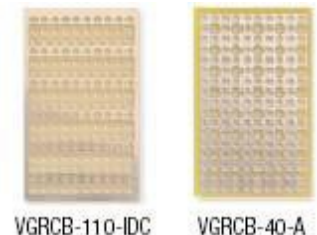


### Application Notes

\*Wire wrap current rating is 5 amps. The current limit through a BergCon connection is 3 amps maximum. For the VGR/VGFCB-170F-H squaretail configurations, all wire wrap sockets are aligned to allow use of BergCon or similar 0.100" center-to-center connectors. Note: The termination to the ground plane is done on the receiver-side contact blocks only. The fixture side contacts use a standard VGFCB-170F-H contact block for all contact configurations. The VGRCB-170F-H is a universal high-density contact block suitable for analog and digital applications alike. For applications such as twisted pair that may require shielding or ground planes on the connector blocks, the VGRCB-40AF (40 Active Lines) and VGRCB-110-IDCF (110 Active Lines) use the VGRCB-170 as a foundation, adding the respective ground planes (below) to the receiver-side contact blocks to aid in suppressing high frequency noise and crosstalk. The VGRCB-170F-H is manufactured for wire wrap connections and connector applications. With their aligned square tails, the VGRCB-170F-H contacts maximize surface contact with mating connectors or wire wrap posts. Optionally, the VGRCB-170HF-R (round tails) can be used for mating connector applications also. Two precision alignment pins per block ensure proper alignment. Two shoulder mounting screws per VGR block allow the block to float in the receiver. Blocks are fully loaded and sold separately.

### Contact Pair Specifications

Voltage	250VAC
Current	5 Amps*
Contact Resistance	10mΩ
Durability	100,000 Cycles
Square Probe Tail	Wire Wrap or Connectors
Round Probe Tail	Connectors Only



### Ordering Information:

#### Receiver Module:

170 Pin Floating Blk Square Tail Receiver Module	VGRCB-170F-H
170 Pin Floating Blk Round Tail Receiver Module	VGRCB-170F-R
110 Pin Square Tail Ground Plane Module	VGRCB-110-IDCF
40 Pin Analog Square Tail Gnd Plane Module	VGRCB-40AF

#### Fixture Module:

Floating Blk Square Tail Fixture Module	VGFCB-170F-H
Floating Blk Round Tail Fixture Module	VGFCB-170F-R
Square Tail Fixture Module	VGFCB-170H
Round Tail Fixture Module	VGFCB-170R

### Accessories – Fixture and Receiver

17 pin Crimp to BergCon Clips	A32075
17 pin BergCon Housings	A32076

For more information about VG Mass Interconnect products:  
Contact your Local Sales Representative at [www.ect-cpg.com/principal-offices](http://www.ect-cpg.com/principal-offices)  
Visit ECT Online at [www.ect-cpg.com/vg-mass-interconnect-products](http://www.ect-cpg.com/vg-mass-interconnect-products)



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