

VGRCB-170HF



VGFCB-170HF

Contact Pair Specifications

Voltage	250 VAC
Current	5 AMPS Continuous*
Contact Resistance	10mΩ
Bandwidth (-3dB roll off)	1x10 ⁸ Hz
Square probe tail	Wire Wrap or Connectors
Round probe tail	Connectors Only
Durability	>100,000 cycles

Application Notes

*Wire wrap current rating is 5 amps. The current limit through a BergCon® connection is 3 amps maximum.

For the VGR/VGFCB-170HF 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-170HF contact block for all contact configurations.

VGRCB-170HF/170HF-R/110-IDCF/40AF **VGFCB-170HF/VGFCB-170HF-R**

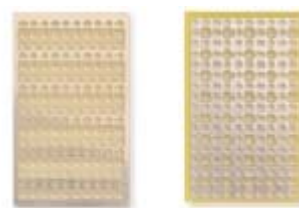
The VGRCB-170HF is a universal high-density contact block suitable for analog and digital applications alike. For applications such as twisted pair that may require shielding or ground planes on the connector blocks, the VGRCB-40AF (40 Active Lines) and VGRCB-110-IDCF (110 Active Lines) use the VGRCB-170 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-170HF is manufactured for wire wrap connections and connector applications. With their aligned square tails, the VGRCB-170HF 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.

KEY

- H - Square tail receptacles are aligned at the factory
- F - Floating block/module
- A - Analog
- R - Round Tails
- IDC - IDC Connector style



VGRCB-110-IDCF VGRCB-40AF

Ordering Information

Receiver

170 Pin Square Tail Receiver Module	VGRCB-170HF
170 Pin Round Tail Receiver Module	VGRCB-170HF-R
110 Pin Square Tail Ground Plane Module	VGRCB-110-IDCF
40 Pin Analog Square Tail Ground Plane Module	VGRCB-40AF

Accessories – Berg Contacts (Fixture and Receiver)

17 Pin Crimp to BergCon® Clips	A32075
17 Pin BergCon® Housings	A32076

Fixture

Square Tail Fixture Module	VGFCB-170HF
Round Tail Fixture Module	VGFCB-170HF-R

BergCon® Clips



BergCon® Housings

