

4-Row, Power I/O Connector

RK4 is a 20 awg., crimp-removable contact system available in 50 or 74 position body. Available options include panel-mount or I/O, keying hardware, and a full line of backshells.



Crimp-Removable, Panel-Mount Plug

Sample Part Number — RK412-050-201-2901

RK	4	1			20	1			
SERIES 20 Awg power connector	ROWS 4 – 4-Row	STYLE 1 – Plug, straight, panel mount	BODY MATERIAL Polyphenylene sulfide (PPS) with aluminum shell 1 – No shell plating; bare aluminum 2 – Electroless nickel shell plating 3 – Cadmium shell plating	SIZE 050 – 50 contacts 074 – 74 contacts	TERMINATION 20 – Socket, straight, crimp removable, wire barrel 20-22 awg*	PLATING 1 – Gold	HARDWARE 29 – None 29 – Fixed jacksockets	POLARIZATION 00 – No Hardware 01-36 – Polarization position, see page 26, factory installed, for keying hardware options 37 – Universal, non polarized, factory installed	OPTIONS 015 – Hood, 180° exit, uninstalled, contact factory for details 016 – Hood, 90° exit, uninstalled, contact factory for details 017 – Hood, 45° exit, uninstalled, contact factory for details

NOTE: Please consult airborn.com to configure your part number and for the latest revision controlled drawing and technical data.

Crimp-Removable Receptacle

Sample Part Number — RK442-050-301-5901

RK	4	4			30	1			
SERIES 20 Awg power Connector	ROWS 4 – 4-Row	STYLE 4 – Receptacle, straight	BODY MATERIAL Polyphenylene sulfide (PPS) with aluminum shell 1 – No shell plating; bare aluminum 2 – Electroless nickel shell plating 3 – Cadmium shell plating	SIZE 050 – 50 contacts 074 – 74 contacts	TERMINATION 30 – Pin, straight, crimp removable, wire barrel 20-22 awg*	PLATING 1 – Gold	HARDWARE 00 – None 59 – Turning jackscrews	POLARIZATION 00 – No Hardware 01-36 – Polarization position, see page 26, factory installed, for keying hardware options 37 – Universal, non polarized, factory installed	OPTIONS 015 – Hood, 180° exit, uninstalled, contact factory for details 016 – Hood, 90° exit, uninstalled, contact factory for details 017 – Hood, 45° exit, uninstalled, contact factory for details

NOTE: Please consult airborn.com to configure your part number and for the latest revision controlled drawing and technical data.

Notes:

1. Crimp tool - AirBorn part number: CDG4601, Mil Spec number MIL-C-22520/2-01
2. Crimp positioner - AirBorn part number: CDG7936 (Pin contacts)
CDG7935 (Socket contacts)
3. Removal tool - AirBorn part number: CDG7932
4. Crimp instructions - see page 35

* Full compliment of crimp removable contacts packaged with connectors



I/O Cable



Crimp Removable