

# Power Interconnects

Custom Power Solutions



Winchester Interconnect™ is an industry leader in the manufacture of screw-machined power connector contacts that provide a wide range of interconnect solutions.



## Power Snap

### Product Benefits

- Quick connect power terminals
- Snap-in locking feature for secure mating
- Current capacity up to 40 Amps
- Low profile enables power in tight spaces

### Application Requirements

- Cable Application
- Wire AWG
- Straight or Right-angle
- Crimp or Solder Termination • PCB

### Application

- Board Thickness
- Surface Mount or Thru-Hole



## 22 Series High Power Contacts

### Product Benefits

- Size 8 Contacts designed for use in Combination D-Sub Connectors
- Current capacity up to 40 Amps
- Available in crimp, solder, and PCB termination styles

### Application Requirements

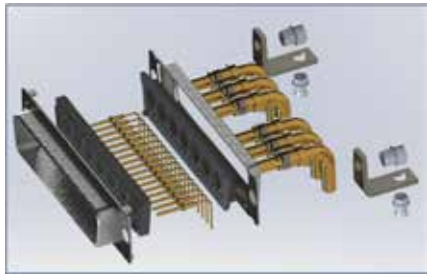
- Cable Application
- Wire AWG
- Current requirements
- Crimp or Solder Termination • PCB

### Application

- Vertical or Right-angle
- PCB Thickness
- Mounting Hardware

Distribution of Power

Combination D-Subs provide the ideal solution for applications that require power, signal, and RF connections.



Custom configurations consisting of power, RF, and signal contacts are available for various types of applications.

Shell Size      Insert Arrangements

Shell Size A	3W3	7W2			
Shell Size B	5W5	9W4	13W3	17W2	21W1
Shell Size C	7W7	8W8	17W5	21W	27W
Shell Size D	24W7	36W4		4	2



Combination D-Sub Connectors

Product Benefits

- Size 8 Power Contacts are an industry standard.  
Winchester's Size 8 Contacts offer a beveled male body to prevent stubbing
- Threaded stabilizing rings centralize and stabilize the Size 8 Male Contacts within the cavity to prevent push out
- PCB Mount Size 8 Contacts have knurled bodies to lock the contact in place, thus improving alignment and preventing a push out
- Combination D-Sub connectors are also available in non-magnetic versions
- Custom designs / solutions are available upon request

Integrated Power Solutions

Custom power cable assemblies are great applications for our PowerSnap Contacts and Combination D-Sub Connectors. PowerSnap Contacts can be used in discrete wire-to-board applications while our Combination D-Sub Connectors are the perfect choice to combine multiple signal and power contacts into a single connector. Typical cable assembly applications include distributing signal and power from a panel-mounted connector to a PCB.