

# NEW PRODUCT



Introducing our

## PC Power Connectors

The PC series Power Connectors are designed for board-to-board, mid-range power interconnections. They are available in 8, 12, and 30 positions.

Contacts are offered with Winchester's high reliability C-Press® terminations, right angle and straight solder tail versions.

### WANT TO GET RID OF SOLDER?

If you are changing from solder tail to press fit, we have two diameter hole sizes in our C-Press® contacts, so you don't have to change your PC board hole sizes.

#### MATERIALS

Insulator:	Polybutylene Terephthalate (PBT) UL V-O rated
Contacts:	Machined Copper Alloy with gold over nickel plating. Solder coated terminations and other plating available.
Snap Mount Bracket:	Brass with Tin/Lead over Nickel

#### ELECTRICAL CHARACTERISTICS (UL & CSA certification pending)

Contact Current Rating:	26 amps maximum, derated per IEC-512-3 Test 5A & 5B
Insulation Resistance:	5000 Megohms min
Dielectric Withstanding Voltage:	2000 VAC (at sea level)
Operating Temperature Range:	-55°C to +125°C

#### MECHANICAL CHARACTERISTICS

Max Insertion Force:	45 lbs per contact
Min Retention Force:	8 lbs per contact
Max Engagement/Separation Force:	1 lb per contact

*High  
Reliability  
Military Style  
Contacts with  
C-Press®  
Technology*

# Ordering Information

PC

STEP 1 No. OF ROWS/CONTACTS		STEP 2 CONNECTOR TYPE		STEP 3 CONTACT TYPE/CONNECTOR STYLE		STEP 4 CONTACT PLATING			STEP 5 MOUNTING OPTIONS			STEP 6 CONTACT LOADING		
CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	CONN SIZE	DESCRIPTION
208	Two Rows Eight Contacts Total	P	Pin	41	Straight Dip Solder Contacts w/.146 Tail Extension for Board Mount Connectors	A	10 Microinches Gold over Nickel	1	None	1	ALL	Fully Loaded in all Positions with Pins Contacts, .250 Lg Mating End		
212	Two Rows Twelve Contacts Total	S	Socket	42	Straight Dip Solder Contacts w/.377 Tail Extension for Board Mount Connectors	B	30 Microinches Gold over Nickel	2	Right Angle Bracket - Snap Mount	4	ALL	Fully Loaded in all Positions with Socket Contacts		
330	Three Rows Thirty Contacts Total			51	Right Angle Dip Solder Contacts w/.146 Tail Extension for Board Mount Connectors	C	30 Microinches Gold over Nickel on Mating End, Solder Coating on Termination End	3	Mounting Rivet - Straight Coin	* Consult Sales Department for Special Termination Lengths, Selective Loading and Special Plating				
* Consult Sales Department for Custom Sizes				52	Right Angle Dip Solder Contacts w/.377 Tail Extension for Board Mount Connectors			4	Right Angle Bracket - Thru Hole					
				61	Straight Compliant Contacts w/.250 Tail Extension for Board Mount Connectors (Ø.080 BD Hole) P.C.B. Thickness .093 - .250									
				71	Straight Compliant Contacts w/.250 Tail Extension for Board Mount Connectors (Ø.064 BD Hole) P.C.B. Thickness .093 - .250									

*To request a complete drawing package on CD-ROM or for more information, contact the Winchester Electronics Customer Service Department at (203) 741-5400, or visit our website at [www.winchesterelectronics.com](http://www.winchesterelectronics.com).*

***Let us engineer your next connector solution!***