

MOLEX Pico-SPOX™ Connectors

1.50MM (.059") PITCH PICO-SPOX™ CONNECTORS

Features:

- Dual-point contact design for greater reliability
- Anti-fishhooking contact design to improve handling during harness assembly
- Locking tang on contact for secure retention to the housing
- Friction lock between receptacle housing and headers insures secure retention when mounted
- Lead-in chamber on receptacle to ease mating
- Headers fully shrouded to protect pins
- Polarized mating geometry insures header and receptacle cannot be mis-mated
- Lead-free plating
- RoHS Compliant per Molex Documentation

Specifications:

- Current: 3.0A max.
- Voltage: 50V
- Terminal: Phosphor Bronze
- Pin: Brass
- Plating: Lead-free Tin
- Operating Temperature: -55°C to +105°C
- Contact Resistance: 40mΩ max.
- Dielectric Withstanding Voltage: 500VAC per minute
- Insulation Resistance: 1000MΩ min.



E29179



LR19980A

Vertical Header • Beige, Nylon 4/6 • UL94V-0

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Overall Length (In.)	First-to-Last Circuit (In.)	Price Each			
						1	10	50	100
538-87437-0243	87437-0243	A	2	0.169	0.059				
538-87437-0343	87437-0343	A	3	0.228	0.118				
538-87437-0443	87437-0443	A	4	0.287	0.177				
538-87437-0543	87437-0543	A	5	0.346	0.236				
538-87437-0643	87437-0643	A	6	0.406	0.295				
538-87437-0743	87437-0743	A	7	0.465	0.354				
538-87437-0843	87437-0843	A	8	0.524	0.413				
538-87437-0943	87437-0943	A	9	0.583	0.472				
538-87437-1043	87437-1043	A	10	0.642	0.531				
538-87437-1243	87437-1243	A	12	0.760	0.650				
538-87437-1443	87437-1443	A	14	0.878	0.768				
538-87437-1543	87437-1543	A	15	0.937	0.827				

Right-Angle Header • Beige, Nylon 4/6 • UL94V-0

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Overall Length (In.)	First-to-Last Circuit (In.)	Price Each			
						1	10	50	100
538-87438-0243	87438-0243	B	2	0.169	0.059				
538-87438-0343	87438-0343	B	3	0.228	0.118				
538-87438-0443	87438-0443	B	4	0.287	0.177				
538-87438-0543	87438-0543	B	5	0.346	0.236				
538-87438-0643	87438-0643	B	6	0.406	0.295				
538-87438-0743	87438-0743	B	7	0.465	0.354				
538-87438-0843	87438-0843	B	8	0.524	0.413				
538-87438-0943	87438-0943	B	9	0.583	0.472				
538-87438-1043	87438-1043	B	10	0.642	0.531				
538-87438-1143	87438-1143	B	11	0.701	0.591				
538-87438-1243	87438-1243	B	12	0.760	0.650				
538-87438-1443	87438-1443	B	14	0.878	0.768				
538-87438-1543	87438-1543	B	15	0.937	0.827				

Housing • White, Nylon 6/6 • UL94V-0

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Overall Length (In.)	First-to-Last Circuit (In.)	Price Each			
						1	10	50	100
538-87439-0200	87439-0200	C	2	0.161	0.059				
538-87439-0300	87439-0300	C	3	0.220	0.118				
538-87439-0400	87439-0400	C	4	0.280	0.177				
538-87439-0500	87439-0500	C	5	0.339	0.236				
538-87439-0600	87439-0600	C	6	0.398	0.295				
538-87439-0700	87439-0700	C	7	0.457	0.354				
538-87439-0800	87439-0800	C	8	0.516	0.413				
538-87439-0900	87439-0900	C	9	0.575	0.472				
538-87439-1000	87439-1000	C	10	0.634	0.531				
538-87439-1100	87439-1100	C	11	0.693	0.591				
538-87439-1200	87439-1200	C	12	0.752	0.650				
538-87439-1400	87439-1400	C	14	0.870	0.768				
538-87439-1500	87439-1500	C	15	0.929	0.827				

CRIMP TERMINALS

Features:

- RoHS Compliant per Molex Documentation
- 24-30 AWG

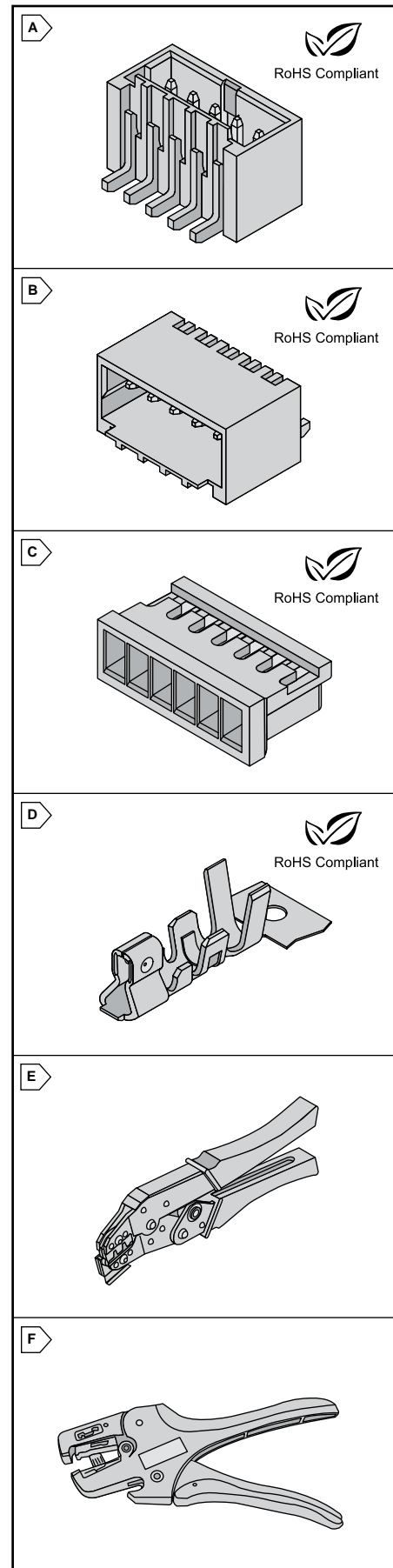
For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Contact	Plating	Price Each			
					1	100	500	1000
538-87421-0000	87421-0000	D	Phosphor Bronze	Tin				

TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each	
				1	5
538-63811-6400	63811-6400	E	Hand Crimp Tool, 24-30 AWG		
538-63817-0000	63817-0000	F	Manual Wire Stripper		
538-63817-0070	63817-0070	---	Straight Blade Replacement Cassette		
538-63817-0071	63817-0071	---	V Blade Replacement Cassette		



Rectangular Connectors Molex