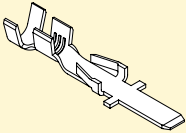
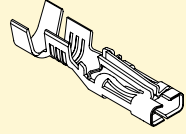
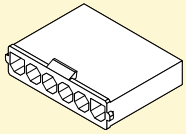
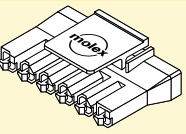
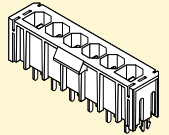
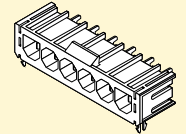


# molex® 7.50mm (.295") Pitch Sabre™

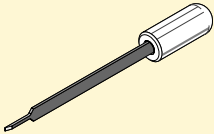
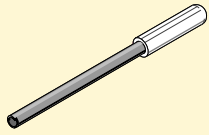
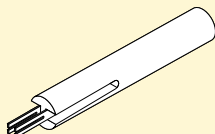
- Wire-to-wire (free hanging only)
- Wire-to-board
- Patented Terminal Position Assurance (TPA) feature
- Voltage: 600V
- Current: 18.0A\*
- UL 1950 Finger Proof Safe available

\*Depending on circuit size, wire gauge and PCB design

	Series	Description	Mates With/ Use With	Material	Circuits/ Wire Gauge	Features and Benefits
<b>Terminals</b>						
	43178	Male Terminal	Mates with 43375 Terminals Used in 43680 Housings	Tin Plated Brass	14 to 18 AWG or double 18 AWG crimps	<ul style="list-style-type: none"> <li>■ Four points of electrical contact between terminal mating interface provides a more reliable electrical connection</li> <li>■ Patented integral Terminal Position Assurance (TPA) on mated male and female terminals. Activation is optional. Virtually eliminates terminal backouts from housing</li> <li>■ Male terminal part numbers available for use with 43680 plug housings that meet UL 1950 finger proofing in environments where contact safety is a consideration</li> </ul>
	43375	Female Terminal	Mates with 43178 Terminal and 43160 Headers Used in 44441 Housings			
<b>Single Row Housings</b>						
	43680	Plug Housing	44441	Nylon, UL 94V-0 or UL 94V-2	2, 3, 4, 5, and 6 Circuits	<ul style="list-style-type: none"> <li>■ Positive thumb latch on receptacle prevents accidental disengagement with plug or header</li> <li>■ Receptacle thumb latch has anti-tangle design to prevent breakage during harness assembly and improves production handling</li> <li>■ Polarized housings assure proper mating</li> <li>■ 43680 plug housings meet UL 1950 finger proofing requirements when used with designated 43178 male terminals. 44441 receptacle housings meet same requirement when used with standard 43375 female terminals</li> </ul>
	44441	Receptacle Housing	43680 and 43160			
<b>Single Row Headers</b>						
	43160	Vertical Header	44441	Glass-filled Nylon, UL 94V-0 or unfilled Nylon UL 94V-2*	2, 3, 4, 5 and 6 Circuits	<ul style="list-style-type: none"> <li>■ Individual part numbers available to match 1.57, 2.36 or 3.17mm (.062, .093 or .125") PCB thicknesses</li> <li>■ Optional PCB retention clips for secure retention of the header to the PCB prior to and during the solder process</li> <li>■ Special part numbers available upon request that meet UL 1950 finger proofing requirements</li> </ul>
	43160	Right Angle Header	44441			

\*Wave solder compatible only

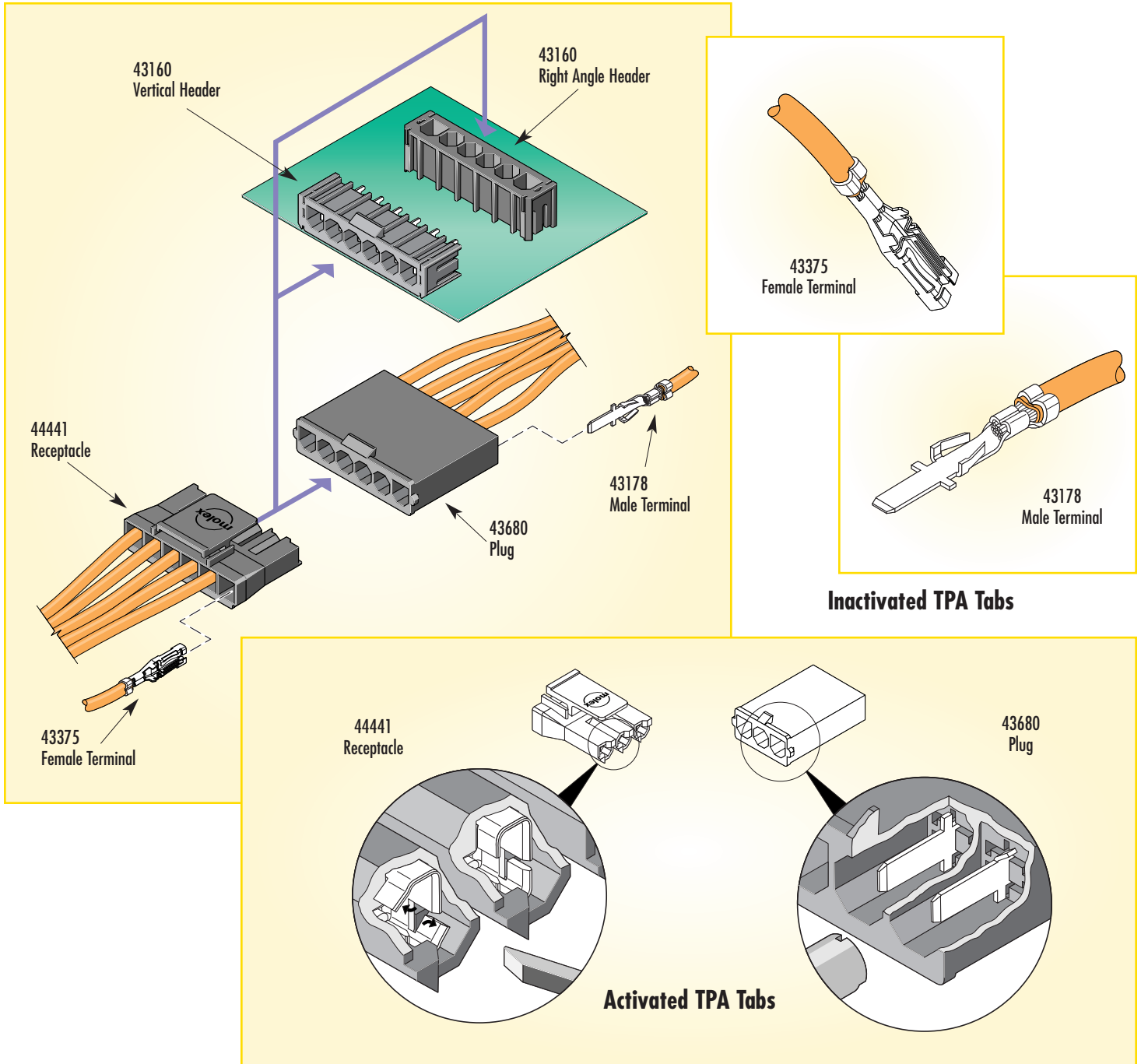
## Terminal TPA Activation/Deactivation and Extraction Hand Tools

	Order No.	Used With	Features and Benefits
	63813-0500	44441 Receptacle Housing 43375 Female Terminal	<ul style="list-style-type: none"> <li>■ Female terminal extraction</li> <li>■ TPA activation</li> <li>■ TPA de-activation</li> </ul>
	63813-0600	43680 Plug Housing 43178 Male Terminal	<ul style="list-style-type: none"> <li>■ Male terminal TPA activation</li> <li>■ TPA de-activation</li> </ul>
	63813-0800	43680 Plug Housing 43178 Male Terminal	<ul style="list-style-type: none"> <li>■ Male terminal extraction</li> </ul>



7.50mm (.295") Pitch  
Sabre™

# molex® 7.50mm (.295") Pitch Sabre™



7.50mm (.295") Pitch Sabre™

## APPLICATION EXAMPLES

- HVAC
- Office Equipment
- Automotive Aftermarket
- Cellular Base Stations
- Computer Servers
- Medical Equipment
- White Goods – Commercial or Residential
- Telecom Switches and Routers
- Lighting
- Factory Automation Equipment
- Power Supplies
- Work Stations

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