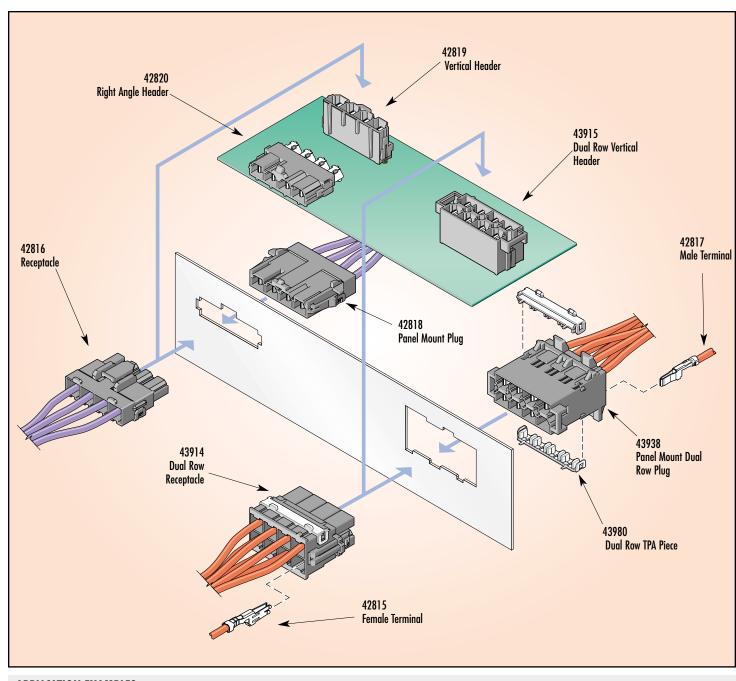
- Wire-to-Wire (Free hanging and panel mount)
- **■** Wire-to-Board
- Mandatory Terminal Position Assurance (TPA) Piece
- Voltage: 600V
- Current: 50.0A Max.*
- Temperature: -40 to +105°C



	Series	Description	Mates With/ Use With	Material	Circuits/ Wire Gauge	Features and Benefits
Terminals						
	42817	Male Terminal	Mates with 42815 Terminal Used in 42818 and 43938 Housings	Tin or Select Gold Plated Copper Alloy	8 to 16 AWG	 Mating Cycles - Tin: 30 / Gold: 100 Four points of electrical contact provide high reliability Low insertion force design for greater ease in mating
	42815	Female Terminal	Mates with 42817 Terminal and PCB Header Terminal Used in 42816 and 43914 Housings			
Single Row Housings						
	42816	Receptacle Housing	42818, 42819, 42820	Black Polyester, UL 94V-0	2, 3, 4, 5, and 6 Circuits	 TPA (Terminal Position Assurance) piece attached to housing to prevent terminal backouts Positive latch guards against accidental disengagement of housings Polarized housing assures proper mating Used in wire-to-wire and wire-to-board applications
	42818	Plug Housing	42816			■ TPA (Terminal Position Assurance) clip attached to housing must be used at all times to prevent terminal backouts ■ Used in wire-to-wire applications (Panel Mount or Free Hanging) only
Single Row PC Board Headers						
	42819	Vertical Header	42816	Housings: Black Glass-filled 4/6 Nylon, UL 94V-0 Terminals: Tin or Select Gold Plated Copper Alloy	2, 3, 4, 5 and 6 Circuits	 SMC (Surface Mount Compatible) Metal fork locks for secure retention to PC Board Accommodates 1.57, 2.36, 3.18 and 6.35mm (.062, .093, .125 and .250") thick PC Boards
The state of the s	42820	Right Angle Header	42816			
Dual Row Housings						
	43914	Receptacle Housing	43938, 43915	Black Polyester, UL 94V-0	6, 8, 10, 12 and 14 Circuits	 Mandatory TPA (Terminal Position Assurance) piece (43980 Series) sold separately Positive latch guards against accidental disengagement of housings Polarized housing assures proper mating Used in wire-to-wire or wire-to-board applications
	43938	Plug Housing	43914			 Mandatory TPA (Terminal Position Assurance) piece (43980 Series) sold separately Used in wire-to-wire applications (Panel Mount or Free Hanging)
Dual Row TPA (Terminal Position Assurance Piece)						
	43980	TPA	Must Use With 43914, 43938	White Polyester, UL 94V-0	6, 8, 10, 12 and 14 Circuits	■ Virtually eliminates terminal back out. ■ White color for easy activation identification
Dual Row Vertical PC Board Header						
	43915	Vertical Header	43914	Housing: Black Glass-filled 4/6 Nylon, UL 94V-0 Terminals: Tin or Select Gold Plated Copper Alloy	6, 8, 10, 12 and 14 Circuits	 SMC (Surface Mount Compatible) Metal fork locks for secure retention to PC Board Accommodates 1.57, 2.36, 3.18 and 6.35mm (.062, .093, .125 and .250") Thick PC Boards





APPLICATION EXAMPLES



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