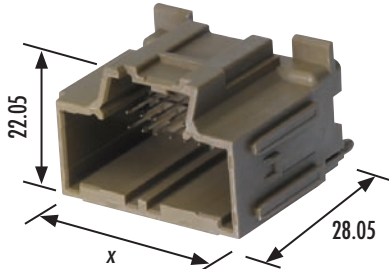


2.54mm (.100") Pitch Stac64™ Signal Header

34690
Vertical
Single-Bay



Features and Benefits

- PCB alignment posts ensure all terminals are properly aligned into PCB through-holes during assembly and solder processing
- PCB stand-offs molded into housings provide additional trace-routing real estate under the headers
- High temperature thermoplastic housings withstand infra red (IR) and wave lead-free solder processing per ES-40000-5013 Molex specification
- Stackable connection system of readily available PCB headers ensure reduced time-to-market: engineering and validation times reduced significantly, no tooling necessary to produce custom multi-bay headers
- The header housings are molded in standard USCAR color schemes for additional polarizations to match harness connector color-coding scheme for visual aid in assembly
- Modular-housing design with standard dovetail features molded into the housings allows headers to be ganged together in large assemblies to meet growing terminal quantity requirements

Reference Information

Mates With: Series 34729
Designed In: Millimeters
Packaging: Tray or Tube

Electrical

Voltage: 500V max.
Current: 10.0A max.
Dielectric Withstanding Voltage: 500V DC
Isolation Resistance: 20 Megohms min.

Mechanical

Durability: 10 million cycles max.—10 cycles
Header Pin Retention Force:
15N (3.4 lb) min.

Physical

Header Housings: Glass filled SPS
Contact: Copper Alloy
Plating: Overplating—Tin
Underplating—Nickel

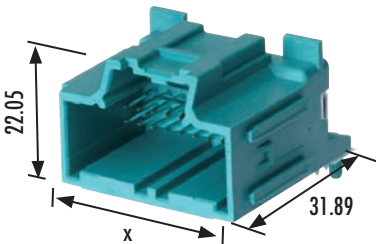
Circuit Size	Connector Length	Order No.	Polarization Option	Color	Packaging
8	18.80	34690-0080	A	Black	Tray
		34690-0081	B	Grey	
		34690-0082	C	Brown	
12	23.88	34690-0120	A	Black	
		34690-0121	B	Grey	
		34690-0122	C	Brown	
16	28.96	34690-0160	A	Black	
		34690-0161	B	Grey	
		34690-0162	C	Brown	
20	34.04	34690-0200	A	Black	
		34690-0201	B	Grey	
		34690-0202	C	Brown	
		34690-0203	D	Green	

Note: All dimensions in millimeters.

Circuit Size	Connector Length	Order No.	Polarization Option	Color	Packaging
8	18.80	34690-9080	A	Black	Tube
		34690-9081	B	Grey	
		34690-9082	C	Brown	
12	23.88	34690-9120	A	Black	
		34690-9121	B	Grey	
		34690-9122	C	Brown	
16	28.96	34690-9160	A	Black	
		34690-9161	B	Grey	
		34690-9162	C	Brown	
20	34.04	34690-9200	A	Black	
		34690-9201	B	Grey	
		34690-9202	C	Brown	
		34690-9203	D	Green	

2.54mm (.100") Pitch Stac64™ Signal Header

34691
Right Angle
Single-Bay



Features and Benefits

- PCB alignment posts ensure all terminals are properly aligned into PCB through-holes during assembly and retain header to PCB during assembly and solder processing
- PCB stand-offs molded into housings provide additional trace-routing real estate under the headers
- High temperature thermoplastic housings withstand infra red (IR) and wave lead-free solder processing per ES-40000-5013 Molex specification
- Stackable connection system of readily available PCB headers ensure reduced time-to-market: engineering and validation times reduced significantly, no tooling necessary to produce custom multi-bay headers
- The header housings are molded in standard USCAR color schemes for additional polarizations to match harness connector color-coding scheme for visual aid in assembly
- Modular-housing design with standard dovetail features molded into the housings allows headers to be ganged together in large assemblies to meet growing terminal quantity requirements

Reference Information

Mates With: Series 34729
Designed In: Millimeters
Packaging: Tray or Tube

Electrical

Voltage: 500V max.
Current: 10.0A max.
Dielectric Withstanding Voltage: 500V DC
Isolation Resistance: 20 Megohms min.

Mechanical

Durability: 10 million cycles max.—10 cycles
Header Pin Retention Force:
15N (3.4 lb) min.

Physical

Header Housings: Glass filled SPS
Contact: Copper Alloy
Plating: Overplating—Tin
Underplating—Nickel

Circuit Size	Connector Length (Dimension "X")	Order No.	Polarization Option	Color	Packaging
8	18.80	34691-0080	A	Black	Tray
		34691-0081	B	Grey	
		34691-0082	C	Brown	
12	23.88	34691-0120	A	Black	
		34691-0121	B	Grey	
		34691-0122	C	Brown	
16	28.96	34691-0160	A	Black	
		34691-0161	B	Grey	
		34691-0162	C	Brown	
20	34.04	34691-0200	A	Black	
		34691-0201	B	Grey	
		34691-0202	C	Brown	
		34691-0203	D	Green	

Note: All dimensions in millimeters.

Circuit Size	Connector Length (Dimension "X")	Order No.	Polarization Option	Color	Packaging
8	18.80	34691-9080	A	Black	Tube
		34691-9081	B	Grey	
		34691-9082	C	Brown	
12	23.88	34691-9120	A	Black	
		34691-9121	B	Grey	
		34691-9122	C	Brown	
16	28.96	34691-9160	A	Black	
		34691-9161	B	Grey	
		34691-9162	C	Brown	
20	34.04	34691-9200	A	Black	
		34691-9201	B	Grey	
		34691-9202	C	Brown	
		34691-9203	D	Green	