

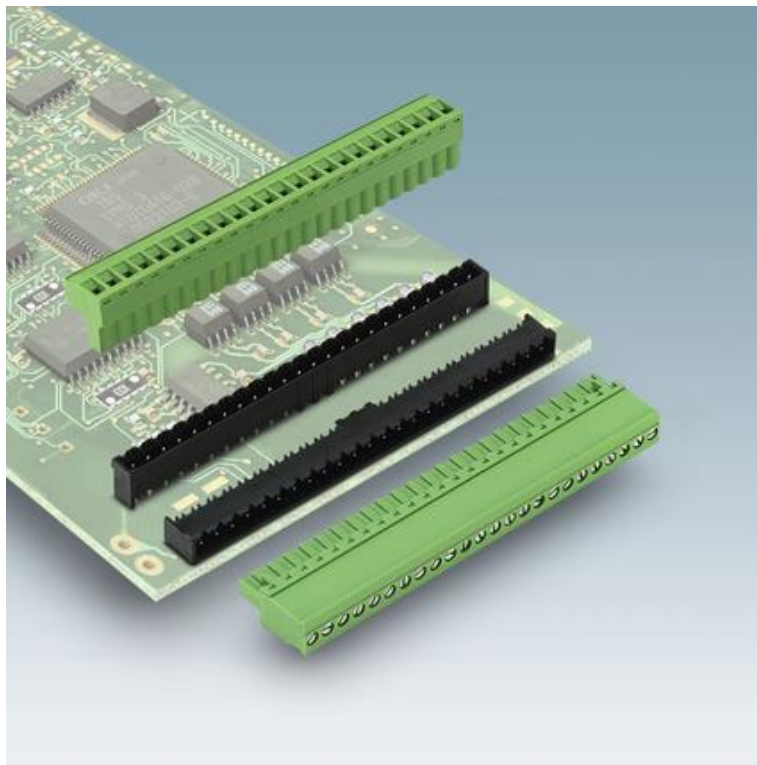
PCB Connectors

December 2017

Through-hole headers for SMT processing

High-temperature plastic connectors for solder-reflow processing

Phoenix Contact offers PCB headers well suited for automated assembly processing. Using the principles of through-hole reflow (THR) technology, each header has through-hole pins, offering increased mechanical stability to the printed circuit board. The plastic body withstands the high temperatures associated with a solder-reflow process. These parts are available in bulk packaging, as well as tape-and-reel, making them ideal for integration into your current PCB processing, whether it is wave solder or reflow.



Features and benefits

- Liquid-crystal polymer (LCP) construction removes need for expensive dry-bag packaging
- High-temperature plastic allows for use in reflow-soldering process
- Connector design allows for continued use in wave-soldering operations
- Pin positional tolerance of +/- .1 mm makes the connector well suited for automatic placement
- Optional flange mates with both screw and lock-and-release plug connector for secure connection

DEVICE CONNECTORS

■ PCB Connectors

Technical data

- Rated up to 16 A and 300 V UL
- 5.0-mm and 5.08-mm pitch
- 2 to 24 positions per connector

Potential applications

- Automation technology
- Measurement and control
- Energy technology

Horizontal headers (with and without flange)



Vertical headers (with and without flange)



DEVICE CONNECTORS

■ PCB Connectors

5.0-mm pitch				
Part number	Description	# Positions	Flanged	Pkg
1836683	CC 2,5/ 2-GF-LR P20 THR	2	Yes	Box
1836696	CC 2,5/ 3-GF-LR P20 THR	3	Yes	Box
1836706	CC 2,5/ 4-GF-LR P20 THR	4	Yes	Box
1836719	CC 2,5/ 5-GF-LR P20 THR	5	Yes	Box
1836722	CC 2,5/ 6-GF-LR P20 THR	6	Yes	Box
1836735	CC 2,5/ 7-GF-LR P20 THR	7	Yes	Box
1836748	CC 2,5/ 8-GF-LR P20 THR	8	Yes	Box
1836751	CC 2,5/ 9-GF-LR P20 THR	9	Yes	Box
1836764	CC 2,5/10-GF-LR P20 THR	10	Yes	Box
1836777	CC 2,5/11-GF-LR P20 THR	11	Yes	Box
1836780	CC 2,5/12-GF-LR P20 THR	12	Yes	Box
1836793	CC 2,5/13-GF-LR P20 THR	13	Yes	Box
1836803	CC 2,5/14-GF-LR P20 THR	14	Yes	Box
1836816	CC 2,5/15-GF-LR P20 THR	15	Yes	Box
1836829	CC 2,5/16-GF-LR P20 THR	16	Yes	Box
1836832	CC 2,5/17-GF-LR P20 THR	17	Yes	Box
1836845	CC 2,5/18-GF-LR P20 THR	18	Yes	Box
1836858	CC 2,5/19-GF-LR P20 THR	19	Yes	Box
1836861	CC 2,5/20-GF-LR P20 THR	20	Yes	Box
1836874	CC 2,5/21-GF-LR P20 THR	21	Yes	Box
1836887	CC 2,5/22-GF-LR P20 THR	22	Yes	Box
1836890	CC 2,5/23-GF-LR P20 THR	23	Yes	Box
1836900	CC 2,5/24-GF-LR P20 THR	24	Yes	Box
1836913	CC 2,5/ 2-GF-LR P20THRR32	2	Yes	T&R
1836926	CC 2,5/ 3-GF-LR P20THRR56	3	Yes	T&R
1836939	CC 2,5/ 4-GF-LR P20THRR56	4	Yes	T&R
1836942	CC 2,5/ 5-GF-LR P20THRR56	5	Yes	T&R
1836955	CC 2,5/ 6-GF-LR P20THRR56	6	Yes	T&R
1836968	CC 2,5/ 7-GF-LR P20THRR88	7	Yes	T&R
1836971	CC 2,5/ 8-GF-LR P20THRR88	8	Yes	T&R
1836984	CC 2,5/ 9-GF-LR P20THRR88	9	Yes	T&R
1836997	CC 2,5/10-GF-LR P20THRR88	10	Yes	T&R

DEVICE CONNECTORS

PCB Connectors

5.0-mm pitch				
Part number	Description	# Positions	Flanged	Pkg
1837006	CC 2,5/11-GF-LR P20THRR88	11	Yes	T&R
1837019	CC 2,5/12-GF-LR P20THRR88	12	Yes	T&R
1836340	CCA 2,5/ 2-G P20 THR	2	No	Box
1836353	CCA 2,5/ 3-G P20 THR	3	No	Box
1836366	CCA 2,5/ 4-G P20 THR	4	No	Box
1836379	CCA 2,5/ 5-G P20 THR	5	No	Box
1836382	CCA 2,5/ 6-G P20 THR	6	No	Box
1836395	CCA 2,5/ 7-G P20 THR	7	No	Box
1836405	CCA 2,5/ 8-G P20 THR	8	No	Box
1836418	CCA 2,5/ 9-G P20 THR	9	No	Box
1836421	CCA 2,5/10-G P20 THR	10	No	Box
1836434	CCA 2,5/11-G P20 THR	11	No	Box
1836447	CCA 2,5/12-G P20 THR	12	No	Box
1836450	CCA 2,5/13-G P20 THR	13	No	Box
1836463	CCA 2,5/14-G P20 THR	14	No	Box
1836476	CCA 2,5/15-G P20 THR	15	No	Box
1836489	CCA 2,5/16-G P20 THR	16	No	Box
1836492	CCA 2,5/17-G P20 THR	17	No	Box
1836502	CCA 2,5/18-G P20 THR	18	No	Box
1836515	CCA 2,5/19-G P20 THR	19	No	Box
1836528	CCA 2,5/20-G P20 THR	20	No	Box
1836531	CCA 2,5/21-G P20 THR	21	No	Box
1836544	CCA 2,5/22-G P20 THR	22	No	Box
1836557	CCA 2,5/23-G P20 THR	23	No	Box
1836560	CCA 2,5/24-G P20 THR	24	No	Box
1836573	CCA 2,5/ 2-G P20THRR32	2	No	T&R
1836586	CCA 2,5/ 3-G P20THRR32	3	No	T&R
1836599	CCA 2,5/ 4-G P20THRR56	4	No	T&R
1836609	CCA 2,5/ 5-G P20THRR56	5	No	T&R
1836612	CCA 2,5/ 6-G P20THRR56	6	No	T&R
1836625	CCA 2,5/ 7-G P20THRR56	7	No	T&R

DEVICE CONNECTORS

PCB Connectors

5.0-mm pitch				
Part number	Description	# Positions	Flanged	Pkg
1836638	CCA 2,5/ 8-G P20THRR56	8	No	T&R
1836641	CCA 2,5/ 9-G P20THRR88	9	No	T&R
1836654	CCA 2,5/10-G P20THRR88	10	No	T&R
1836667	CCA 2,5/11-G P20THRR88	11	No	T&R
1836670	CCA 2,5/12-G P20THRR88	12	No	T&R
1837365	CCV 2,5/ 2-GF-LR P20 THR	2	Yes	Box
1837378	CCV 2,5/ 3-GF-LR P20 THR	3	Yes	Box
1837381	CCV 2,5/ 4-GF-LR P20 THR	4	Yes	Box
1837394	CCV 2,5/ 5-GF-LR P20 THR	5	Yes	Box
1837404	CCV 2,5/ 6-GF-LR P20 THR	6	Yes	Box
1837417	CCV 2,5/ 7-GF-LR P20 THR	7	Yes	Box
1837420	CCV 2,5/ 8-GF-LR P20 THR	8	Yes	Box
1837433	CCV 2,5/ 9-GF-LR P20 THR	9	Yes	Box
1837446	CCV 2,5/10-GF-LR P20 THR	10	Yes	Box
1837459	CCV 2,5/11-GF-LR P20 THR	11	Yes	Box
1837462	CCV 2,5/12-GF-LR P20 THR	12	Yes	Box
1837475	CCV 2,5/13-GF-LR P20 THR	13	Yes	Box
1837488	CCV 2,5/14-GF-LR P20 THR	14	Yes	Box
1837491	CCV 2,5/15-GF-LR P20 THR	15	Yes	Box
1837501	CCV 2,5/16-GF-LR P20 THR	16	Yes	Box
1837514	CCV 2,5/17-GF-LR P20 THR	17	Yes	Box
1837527	CCV 2,5/18-GF-LR P20 THR	18	Yes	Box
1837530	CCV 2,5/19-GF-LR P20 THR	19	Yes	Box
1837543	CCV 2,5/20-GF-LR P20 THR	20	Yes	Box
1837556	CCV 2,5/21-GF-LR P20 THR	21	Yes	Box
1837569	CCV 2,5/22-GF-LR P20 THR	22	Yes	Box
1837572	CCV 2,5/23-GF-LR P20 THR	23	Yes	Box
1837585	CCV 2,5/24-GF-LR P20 THR	24	Yes	Box
1837598	CCV 2,5/ 2-GF-LR P20THRR32	2	Yes	T&R
1837608	CCV 2,5/ 3-GF-LR P20THRR56	3	Yes	T&R
1837611	CCV 2,5/ 4-GF-LR P20THRR56	4	Yes	T&R

DEVICE CONNECTORS

PCB Connectors

5.0-mm pitch				
Part number	Description	# Positions	Flanged	Pkg
1837624	CCV 2,5/ 5-GF-LR P20THRR56	5	Yes	T&R
1837637	CCV 2,5/ 6-GF-LR P20THRR56	6	Yes	T&R
1837640	CCV 2,5/ 7-GF-LR P20THRR88	7	Yes	T&R
1837653	CCV 2,5/ 8-GF-LR P20THRR88	8	Yes	T&R
1837666	CCV 2,5/ 9-GF-LR P20THRR88	9	Yes	T&R
1837679	CCV 2,5/10-GF-LR P20THRR88	10	Yes	T&R
1837682	CCV 2,5/11-GF-LR P20THRR88	11	Yes	T&R
1837695	CCV 2,5/12-GF-LR P20THRR88	12	Yes	T&R
1837022	CCVA 2,5/ 2-G P20 THR	2	No	Box
1837035	CCVA 2,5/ 3-G P20 THR	3	No	Box
1837048	CCVA 2,5/ 4-G P20 THR	4	No	Box
1837051	CCVA 2,5/ 5-G P20 THR	5	No	Box
1837064	CCVA 2,5/ 6-G P20 THR	6	No	Box
1837077	CCVA 2,5/ 7-G P20 THR	7	No	Box
1837080	CCVA 2,5/ 8-G P20 THR	8	No	Box
1837093	CCVA 2,5/ 9-G P20 THR	9	No	Box
1837103	CCVA 2,5/10-G P20 THR	10	No	Box
1837116	CCVA 2,5/11-G P20 THR	11	No	Box
1837129	CCVA 2,5/12-G P20 THR	12	No	Box
1837132	CCVA 2,5/13-G P20 THR	13	No	Box
1837145	CCVA 2,5/14-G P20 THR	14	No	Box
1837158	CCVA 2,5/15-G P20 THR	15	No	Box
1837161	CCVA 2,5/16-G P20 THR	16	No	Box
1837174	CCVA 2,5/17-G P20 THR	17	No	Box
1837187	CCVA 2,5/18-G P20 THR	18	No	Box
1837190	CCVA 2,5/19-G P20 THR	19	No	Box
1837200	CCVA 2,5/20-G P20 THR	20	No	Box
1837213	CCVA 2,5/21-G P20 THR	21	No	Box
1837226	CCVA 2,5/22-G P20 THR	22	No	Box
1837239	CCVA 2,5/23-G P20 THR	23	No	Box
1837242	CCVA 2,5/24-G P20 THR	24	No	Box

DEVICE CONNECTORS

PCB Connectors

5.0-mm pitch				
Part number	Description	# Positions	Flanged	Pkg
1837255	CCVA 2,5/ 2-G P20THRR32	2	No	T&R
1837268	CCVA 2,5/ 3-G P20THRR32	3	No	T&R
1837271	CCVA 2,5/ 4-G P20THRR56	4	No	T&R
1837284	CCVA 2,5/ 5-G P20THRR56	5	No	T&R
1837297	CCVA 2,5/ 6-G P20THRR56	6	No	T&R
1837307	CCVA 2,5/ 7-G P20THRR56	7	No	T&R
1837310	CCVA 2,5/ 8-G P20THRR88	8	No	T&R
1837323	CCVA 2,5/ 9-G P20THRR88	9	No	T&R
1837336	CCVA 2,5/10-G P20THRR88	10	No	T&R
1837349	CCVA 2,5/11-G P20THRR88	11	No	T&R
1837352	CCVA 2,5/12-G P20THRR88	12	No	T&R
5.08-mm pitch				
Part number	Description	# Positions	Flanged	Pkg
1827524	CC 2,5/13-GF-5,08-LR P26THR	13	Yes	Box
1827537	CC 2,5/14-GF-5,08-LR P26THR	14	Yes	Box
1827540	CC 2,5/15-GF-5,08-LR P26THR	15	Yes	Box
1827553	CC 2,5/16-GF-5,08-LR P26THR	16	Yes	Box
1827566	CC 2,5/17-GF-5,08-LR P26THR	17	Yes	Box
1827579	CC 2,5/18-GF-5,08-LR P26THR	18	Yes	Box
1827582	CC 2,5/19-GF-5,08-LR P26THR	19	Yes	Box
1827595	CC 2,5/20-GF-5,08-LR P26THR	20	Yes	Box
1827605	CC 2,5/21-GF-5,08-LR P26THR	21	Yes	Box
1827618	CC 2,5/22-GF-5,08-LR P26THR	22	Yes	Box
1827621	CC 2,5/23-GF-5,08-LR P26THR	23	Yes	Box
1827634	CC 2,5/24-GF-5,08-LR P26THR	24	Yes	Box
1827647	CCA 2,5/13-G-5,08 P26THR	13	No	Box
1827650	CCA 2,5/14-G-5,08 P26THR	14	No	Box
1827663	CCA 2,5/15-G-5,08 P26THR	15	No	Box
1827676	CCA 2,5/16-G-5,08 P26THR	16	No	Box
1827689	CCA 2,5/17-G-5,08 P26THR	17	No	Box
1827692	CCA 2,5/18-G-5,08 P26THR	18	No	Box
1827702	CCA 2,5/19-G-5,08 P26THR	19	No	Box

PCB Connectors

5.08-mm pitch				
Part number	Description	# Positions	Flanged	Pkg
1827715	CCA 2,5/20-G-5,08 P26THR	20	No	Box
1827728	CCA 2,5/21-G-5,08 P26THR	21	No	Box
1827731	CCA 2,5/22-G-5,08 P26THR	22	No	Box
1827744	CCA 2,5/23-G-5,08 P26THR	23	No	Box
1827757	CCA 2,5/24-G-5,08 P26THR	24	No	Box
1827760	CCV 2,5/13-GF-5,08-LR P26THR	13	Yes	Box
1827773	CCV 2,5/14-GF-5,08-LR P26THR	14	Yes	Box
1827786	CCV 2,5/15-GF-5,08-LR P26THR	15	Yes	Box
1827799	CCV 2,5/16-GF-5,08-LR P26THR	16	Yes	Box
1827809	CCV 2,5/17-GF-5,08-LR P26THR	17	Yes	Box
1827812	CCV 2,5/18-GF-5,08-LR P26THR	18	Yes	Box
1827825	CCV 2,5/19-GF-5,08-LR P26THR	19	Yes	Box
1827838	CCV 2,5/20-GF-5,08-LR P26THR	20	Yes	Box
1827841	CCV 2,5/21-GF-5,08-LR P26THR	21	Yes	Box
1827854	CCV 2,5/22-GF-5,08-LR P26THR	22	Yes	Box
1827867	CCV 2,5/23-GF-5,08-LR P26THR	23	Yes	Box
1827870	CCV 2,5/24-GF-5,08-LR P26THR	24	Yes	Box
1827883	CCVA 2,5/13-G-5,08 P26THR	13	No	Box
1827896	CCVA 2,5/14-G-5,08 P26THR	14	No	Box
1827906	CCVA 2,5/15-G-5,08 P26THR	15	No	Box
1827919	CCVA 2,5/16-G-5,08 P26THR	16	No	Box
1827922	CCVA 2,5/17-G-5,08 P26THR	17	No	Box
1827935	CCVA 2,5/18-G-5,08 P26THR	18	No	Box
1827948	CCVA 2,5/19-G-5,08 P26THR	19	No	Box
1827951	CCVA 2,5/20-G-5,08 P26THR	20	No	Box
1827964	CCVA 2,5/21-G-5,08 P26THR	21	No	Box
1827977	CCVA 2,5/22-G-5,08 P26THR	22	No	Box
1827980	CCVA 2,5/23-G-5,08 P26THR	23	No	Box
1827993	CCVA 2,5/24-G-5,08 P26THR	24	No	Box

To learn more about these connectors, and to place a sample request please visit

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