

**SULLINS** 1.27mm Connectors (Cont.)



Fig.	Cir- cuits	Dimension - mm		Digi-Key Part No.	Price Each			Sullins Part No.
		A	B		1	10	100	
9	10	11.43	12.70	S9014E-10-ND	.67	.61	.50	GRPB011VWVN-RC
	11	12.70	13.97	S9014E-11-ND	.76	.69	.57	GRPB111VWVN-RC
	12	13.97	15.24	S9014E-12-ND	.83	.75	.62	GRPB211VWVN-RC
	13	15.24	16.51	S9014E-13-ND	.90	.81	.66	GRPB311VWVN-RC
	50	62.23	63.50	S9014E-50-ND	3.46	3.09	2.55	GRPB501VWVN-RC
<b>Male Header, Dual Row, Straight Thru Hole</b>								
10	2	0.00	1.27	S9015E-01-ND	.67	.61	.50	GRPB012VWVN-RC
	4	1.27	2.54	S9015E-02-ND	.26	.23	.19	GRPB022VWVN-RC
	6	2.54	3.81	S9015E-03-ND	.42	.38	.31	GRPB032VWVN-RC
	8	3.81	5.08	S9015E-04-ND	.54	.49	.41	GRPB042VWVN-RC
	10	5.08	6.35	S9015E-05-ND	.67	.61	.50	GRPB052VWVN-RC
	12	6.35	7.62	S9015E-06-ND	.83	.75	.62	GRPB062VWVN-RC
	14	7.62	8.89	S9015E-07-ND	.97	.86	.71	GRPB072VWVN-RC
	16	8.89	10.16	S9015E-08-ND	1.09	.98	.81	GRPB082VWVN-RC
	18	10.16	11.43	S9015E-09-ND	1.25	1.12	.92	GRPB092VWVN-RC
	20	11.43	12.70	S9015E-10-ND	1.38	1.24	1.02	GRPB102VWVN-RC
	22	12.70	13.97	S9015E-11-ND	1.50	1.35	1.11	GRPB112VWVN-RC
	24	13.97	15.24	S9015E-12-ND	1.66	1.49	1.23	GRPB122VWVN-RC
	26	15.24	16.51	S9015E-13-ND	1.80	1.61	1.32	GRPB132VWVN-RC
	100	62.23	63.50	S9015E-50-ND	6.93	6.21	5.12	GRPB502VWVN-RC
<b>Male Header, Single Row, Right Angle Thru Hole</b>								
11	2	1.27	2.54	S9016E-02-ND	.81	.72	.60	GRPB021VWCN-RC
	3	2.54	3.81	S9016E-03-ND	.26	.23	.19	GRPB031VWCN-RC
	4	3.81	5.08	S9016E-04-ND	.35	.32	.26	GRPB041VWCN-RC
	5	5.08	6.35	S9016E-05-ND	.45	.41	.33	GRPB051VWCN-RC

Fig.	Cir- cuits	Dimension - mm		Digi-Key Part No.	Price Each			Sullins Part No.	
		A	B		1	10	100		
11	6	6.35	7.62	S9016E-06-ND	.54	.49	.41	GRPB061VWCN-RC	
	7	7.62	8.89	S9016E-07-ND	.64	.58	.48	GRPB071VWCN-RC	
	8	8.89	10.16	S9016E-08-ND	.74	.66	.55	GRPB081VWCN-RC	
	9	10.16	11.43	S9016E-09-ND	.83	.75	.62	GRPB091VWCN-RC	
	10	11.43	12.70	S9016E-10-ND	.93	.83	.69	GRPB101VWCN-RC	
12	11	12.70	13.97	S9016E-11-ND	1.02	.92	.76	GRPB111VWCN-RC	
	12	13.97	15.24	S9016E-12-ND	1.12	1.01	.83	GRPB121VWCN-RC	
	13	15.24	16.51	S9016E-13-ND	1.21	1.09	.90	GRPB131VWCN-RC	
	50	62.23	63.50	S9016E-50-ND	4.80	4.30	3.54	GRPB501VWCN-RC	
	<b>Male Header, Dual Row, Right Angle Thru Hole</b>								
	12	2	0.00	1.27	S9017E-01-ND	.19	.18	.15	GRPB012MWCN-RC
		4	1.27	2.54	S9017E-02-ND	.42	.38	.31	GRPB022MWCN-RC
		6	2.54	3.81	S9017E-03-ND	.54	.49	.41	GRPB032MWCN-RC
		8	3.81	5.08	S9017E-04-ND	.74	.66	.55	GRPB042MWCN-RC
		10	5.08	6.35	S9017E-05-ND	.93	.83	.69	GRPB052MWCN-RC
		12	6.35	7.62	S9017E-06-ND	1.12	1.01	.83	GRPB062MWCN-RC
		14	7.62	8.89	S9017E-07-ND	1.31	1.18	.97	GRPB072MWCN-RC
		16	8.89	10.16	S9017E-08-ND	1.50	1.35	1.11	GRPB082MWCN-RC
		18	10.16	11.43	S9017E-09-ND	1.69	1.52	1.25	GRPB092MWCN-RC
20		11.43	12.70	S9017E-10-ND	1.85	1.66	1.37	GRPB102MWCN-RC	
22		12.70	13.97	S9017E-11-ND	2.04	1.84	1.51	GRPB112MWCN-RC	
24		13.97	15.24	S9017E-12-ND	2.24	2.01	1.65	GRPB122MWCN-RC	
26		15.24	16.51	S9017E-13-ND	2.44	2.18	1.80	GRPB132MWCN-RC	
100		62.23	63.50	S9017E-50-ND	9.49	8.50	7.00	GRPB502MWCN-RC	

**1.27mm Shrouded Headers and Receptacles**



**Shrouded Headers:** • Insulator Material: Nylon 6T • Contact Material: Brass • Plating: Gold Flash • Operating Temperature: -40°C ~ 85°C • Processing Temp: 230°C for 60 seconds maximum (260°C, 10 seconds) • UL Flammability Rating: 94V-0 • Voltage Rating: 20MΩ maximum • Current Rating: 1A per Contact • Voltage Drop: AC 500V • Insulation Resistance: 1000MΩ **Receptacles:** • Insulator Material: PBT • Contact Material: Phosphor Bronze • Operating Temperature: -40°C ~ 85°C • UL Flammability Rating: 94V-0 • Current Rating: 1A per contact • Dielectric Withstanding: 500V AC R.M.S. for one minute • Contact Resistance: 30mΩ maximum

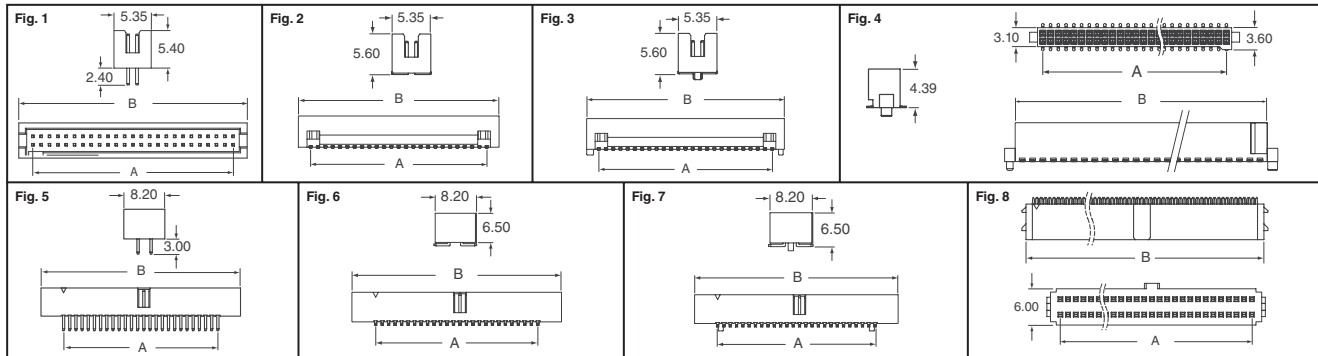


Fig.	Cir- cuits	Dimension - mm		Digi-Key Part No.	Price Each			Sullins Part No.
		A	B		1	25	100	
<b>1.27mm x 1.27mm</b>								
<b>Male Header, Straight Thru Hole</b>								
1	10	5.08	9.35	S9085-ND	.90	.81	.58	SBH31-NBPP-D05-ST-BK
	14	7.62	11.89	S9086-ND	1.46	1.32	.94	SBH31-NBPP-D07-ST-BK
	16	8.89	13.16	S9087-ND	1.46	1.32	.94	SBH31-NBPP-D08-ST-BK
	20	11.43	15.70	S9088-ND	1.64	1.49	1.05	SBH31-NBPP-D10-ST-BK
	26	15.24	19.51	S9089-ND	2.23	2.02	1.44	SBH31-NBPP-D13-ST-BK
	34	20.32	24.59	S9090-ND	2.92	2.64	1.87	SBH31-NBPP-D17-ST-BK
2	10	5.08	9.35	S9094-ND	1.13	1.03	.73	SBH31-NBPP-D05-SM-BK
	14	7.62	11.89	S9095-ND	1.57	1.43	1.02	SBH31-NBPP-D07-SM-BK
	16	8.89	13.16	S9096-ND	1.82	1.65	1.17	SBH31-NBPP-D08-SM-BK
	20	11.43	15.70	S9097-ND	2.05	1.86	1.32	SBH31-NBPP-D10-SM-BK
	26	15.24	19.51	S9098-ND	4.20	3.80	2.69	SBH31-NBPP-D13-SM-BK
	34	20.32	24.59	S9099-ND	3.42	3.10	2.20	SBH31-NBPP-D17-SM-BK
3	10	5.08	9.35	S9103-ND	1.13	1.03	.73	SBH31-NBPP-D05-SP-BK
	14	7.62	11.89	S9104-ND	1.57	1.43	1.02	SBH31-NBPP-D07-SP-BK
	16	8.89	13.16	S9105-ND	1.82	1.65	1.17	SBH31-NBPP-D08-SP-BK
	20	11.43	15.70	S9106-ND	2.05	1.86	1.32	SBH31-NBPP-D10-SP-BK
	26	15.24	19.51	S9107-ND	4.20	3.80	2.69	SBH31-NBPP-D13-SP-BK
	34	20.32	24.59	S9108-ND	3.42	3.10	2.20	SBH31-NBPP-D17-SP-BK
4	10	5.08	6.80	S9112-ND	.95	.87	.62	SFH31-NPPP-D05-SP-BK
	14	7.62	9.34	S9113-ND	1.34	1.22	.86	SFH31-NPPP-D07-SP-BK
	16	8.89	10.61	S9114-ND	1.51	1.38	.99	SFH31-NPPP-D08-SP-BK
	20	11.43	13.15	S9115-ND	1.82	1.65	1.17	SFH31-NPPP-D10-SP-BK
	26	15.24	18.96	S9116-ND	2.20	2.00	1.42	SFH31-NPPP-D13-SP-BK
	34	20.32	22.04	S9117-ND	2.74	2.48	1.76	SFH31-NPPP-D17-SP-BK
5	10	5.08	14.38	S9121-ND	1.91	1.73	1.23	SBH41-NBPP-D05-ST-BK
	14	7.62	16.92	S9122-ND	1.91	1.73	1.23	SBH41-NBPP-D07-ST-BK
	16	8.89	18.19	S9123-ND	1.93	1.76	1.24	SBH41-NBPP-D08-ST-BK
	20	11.43	20.73	S9124-ND	2.02	1.84	1.30	SBH41-NBPP-D10-ST-BK

Fig.	Cir- cuits	Dimension - mm		Digi-Key Part No.	Price Each			Sullins Part No.
		A	B		1	25	100	
5	26	15.24	24.54	S9125-ND	2.09	1.89	1.34	SBH41-NBPP-D13-ST-BK
	34	20.32	29.62	S9126-ND	2.26	2.05	1.45	SBH41-NBPP-D17-ST-BK
	40	24.13	33.43	S9127-ND	2.52	2.29	1.63	SBH41-NBPP-D20-ST-BK
	50	30.48	39.78	S9128-ND	2.68	2.43	1.72	SBH41-NBPP-D25-ST-BK
	68	41.91	51.21	S9129-ND	2.79	2.54	1.80	SBH41-NBPP-D34-ST-BK
	80	49.53	58.83	S9130-ND	3.12	2.83	2.01	SBH41-NBPP-D40-ST-BK
<b>Male Header, SMT</b>								
6	10	5.08	14.38	S9131-ND	2.41	2.19	1.55	SBH41-NBPP-D05-SM-BK
	14	7.62	16.92	S9132-ND	2.74	2.48	1.76	SBH41-NBPP-D07-SM-BK
	16	8.89	18.19	S9133-ND	2.79	2.54	1.80	SBH41-NBPP-D08-SM-BK
	20	11.43	20.73	S9134-ND	2.92	2.64	1.87	SBH41-NBPP-D10-SM-BK
	26	15.24	24.54	S9135-ND	3.06	2.78	1.97	SBH41-NBPP-D13-SM-BK
	34	20.32	29.62	S9136-ND	3.45	3.13	2.22	SBH41-NBPP-D17-SM-BK
7	10	5.08	14.38	S9141-ND	2.41	2.19	1.55	SBH41-NBPP-D05-SP-BK
	14	7.62	16.92	S9142-ND	2.74	2.48	1.76	SBH41-NBPP-D07-SP-BK
	16	8.89	18.19	S9143-ND	2.79	2.54	1.80	SBH41-NBPP-D08-SP-BK
	20	11.43	20.73	S9144-ND	2.92	2.64	1.87	SBH41-NBPP-D10-SP-BK
	26	15.24	24.54	S9145-ND	3.06	2.78	1.97	SBH41-NBPP-D13-SP-BK
	34	20.32	29.62	S9146-ND	3.45	3.13	2.22	SBH41-NBPP-D17-SP-BK
8	10	5.08	8.35	S9151-ND	3.36	3.05	2.16	SFH413-PPP-D05-ID-BK
	16	8.89	12.16	S9152-ND	3.53	3.21	2.28	SFH413-PPP-D08-ID-BK
	20	11.43	14.70	S9153-ND	3.69	3.34	2.37	SFH413-PPP-D10-ID-BK
	26	15.24	18.51	S9154-ND	3.95	3.59	2.54	SFH413-PPP-D13-ID-BK
	34	20.32	23.59	S9155-ND	4.22	3.83	2.71	SFH413-PPP-D17-ID-BK
	40	24.13	27.40	S9156-ND	4.40	3.99	2.83	SFH413-PPP-D20-ID-BK
8	10	5.08	8.35	S9160-ND	3.06	2.78	1.97	SFH413-PPP-D05-ID-BK
	16	8.89	12.16	S9161-ND	3.24	2.94	2.08	SFH413-PPP-D08-ID-BK
	20	11.43	14.70	S9162-ND	3.39	3.08	2.18	SFH413-PPP-D10-ID-BK
	26	15.24	18.51	S9163-ND	3.66	3.32	2.35	SFH413-PPP-D13-ID-BK
	34	20.32	23.59	S9164-ND	3.93	3.56	2.52	SFH413-PPP-D17-ID-BK
	40	24.13	27.40	S9165-ND	4.11	3.72	2.64	SFH413-PPP-D20-ID-BK

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