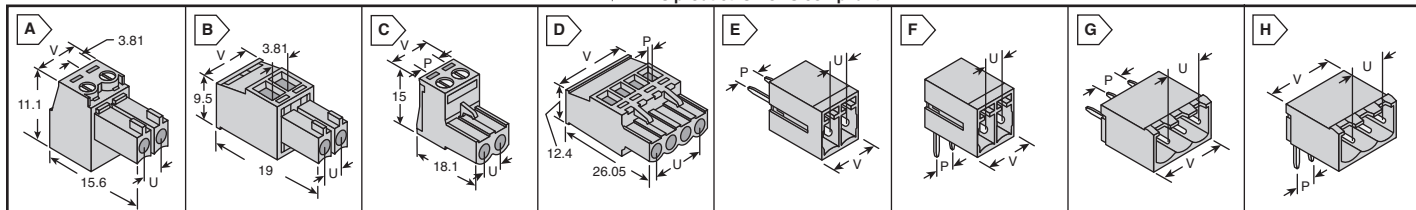


# KOBICONN Pluggable Terminal Blocks



RoHS Compliant This product is RoHS compliant.



## TERMINAL BLOCK PLUGS

• RoHS compliant per Kobiconn documentation

**3.81mm Terminal Block Plugs - 180° Wire-to-Plug Orientation**  
300V@8A, IEC 125V@8A, 22-16AWG, Green Color

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02EC381VP-E	A	P02EC381VP	2	3.81	3.81	8.41	1.09	.91	.83
158-P03EC381VP-E	A	P03EC381VP	3	3.81	7.62	12.22	1.63	1.36	1.24
158-P04EC381VP-E	A	P04EC381VP	4	3.81	11.43	16.03	2.44	2.04	1.85
158-P05EC381VP-E	A	P05EC381VP	5	3.81	15.24	19.84	2.72	2.27	2.06
158-P06EC381VP-E	A	P06EC381VP	6	3.81	19.05	23.65	3.27	2.72	2.48
158-P07EC381VP-E	A	P07EC381VP	7	3.81	22.86	27.46	4.26	3.56	3.23
158-P08EC381VP-E	A	P08EC381VP	8	3.81	26.67	31.27	4.36	3.63	3.30
158-P09EC381VP-E	A	P09EC381VP	9	3.81	30.48	35.08	5.48	4.56	4.15
158-P10EC381VP-E	A	P10EC381VP	10	3.81	34.29	38.89	5.45	4.54	4.13
158-P11EC381VP-E	A	P11EC381VP	11	3.81	38.10	42.70	5.99	4.99	4.54
158-P12EC381VP-E	A	P12EC381VP	12	3.81	41.91	46.51	6.53	5.45	4.95

**3.81mm Terminal Block Plugs - 90° Wire-to-Plug Orientation**  
300V@8A, IEC 125V@8A, 22-16AWG, Green Color

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02EC381RP-E	B	P02EC381RP	2	3.81	3.81	8.41	1.25	1.04	.94
158-P03EC381RP-E	B	P03EC381RP	3	3.81	7.62	12.22	1.87	1.56	1.42
158-P04EC381RP-E	B	P04EC381RP	4	3.81	11.43	16.03	2.49	2.08	1.89
158-P05EC381RP-E	B	P05EC381RP	5	3.81	15.24	19.84	3.51	2.93	2.66
158-P06EC381RP-E	B	P06EC381RP	6	3.81	19.05	23.65	3.74	3.11	2.83
158-P08EC381RP-E	B	P08EC381RP	8	3.81	26.67	31.27	4.98	4.15	3.78
158-P10EC381RP-E	B	P10EC381RP	10	3.81	34.29	38.89	7.02	5.85	5.32
158-P12EC381RP-E	B	P12EC381RP	12	3.81	41.91	46.51	7.47	6.23	5.66

**5.0mm Terminal Block Plugs - 180° Wire-to-Plug Orientation**  
300V@15A, IEC 250V@12A, 28-12AWG, Green Color

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02ESDVP-E	C	P02ESDVP	2	5.00	5	10	.93	.78	.71
158-P03ESDVP-E	C	P03ESDVP	3	5.00	10	15	1.40	1.17	1.06
158-P04ESDVP-E	C	P04ESDVP	4	5.00	15	20	1.86	1.55	1.41
158-P05ESDVP-E	C	P05ESDVP	5	5.00	20	25	2.57	2.14	1.95
158-P06ESDVP-E	C	P06ESDVP	6	5.00	25	30	3.11	2.58	2.35
158-P07ESDVP-E	C	P07ESDVP	7	5.00	30	35	3.61	3.02	2.74
158-P08ESDVP-E	C	P08ESDVP	8	5.00	35	40	3.73	3.11	2.82
158-P09ESDVP-E	C	P09ESDVP	9	5.00	40	45	4.48	3.75	3.40
158-P10ESDVP-E	C	P10ESDVP	10	5.00	45	50	5.17	4.30	3.91
158-P12ESDVP-E	C	P12ESDVP	12	5.00	55	60	5.59	4.66	4.24

**5.0mm Terminal Block Plugs - 90° Wire-to-Plug Orientation**  
300V@15A, IEC 250V@12A, 28-12AWG, Green Color

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02ESDPP-E	D	P02ESDPP	2	5.00	5	10	1.10	.926	.837
158-P03ESDPP-E	D	P03ESDPP	3	5.00	10	15	1.66	1.38	1.26
158-P04ESDPP-E	D	P04ESDPP	4	5.00	15	20	1.99	1.66	1.50
158-P05ESDPP-E	D	P05ESDPP	5	5.00	20	25	2.76	2.31	2.09
158-P06ESDPP-E	D	P06ESDPP	6	5.00	25	30	2.98	2.48	2.26
158-P07ESDPP-E	D	P07ESDPP	7	5.00	30	35	3.88	3.23	2.93
158-P08ESDPP-E	D	P08ESDPP	8	5.00	35	40	4.43	3.69	3.36
158-P10ESDPP-E	D	P10ESDPP	10	5.00	45	50	4.97	4.14	3.76
158-P11ESDPP-E	D	P11ESDPP	11	5.00	50	55	6.09	5.08	4.62
158-P12ESDPP-E	D	P12ESDPP	12	5.00	55	60	5.96	4.97	4.51

**5.08mm Terminal Block Plugs - 180° Wire-to-Plug Orientation**  
300V@15A, IEC 250V@12A, 28-12AWG, Green Color

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02ESDVP-E	C	P02ESDVP	2	5.08	5.08	10.16	.93	.78	.71
158-P03ESDVP-E	C	P03ESDVP	3	5.08	10.16	15.24	1.40	1.17	1.06
158-P04ESDVP-E	C	P04ESDVP	4	5.08	15.24	20.32	2.06	1.72	1.56
158-P05ESDVP-E	C	P05ESDVP	5	5.08	20.32	25.40	2.33	1.94	1.77
158-P06ESDVP-E	C	P06ESDVP	6	5.08	25.40	30.48	2.80	2.33	2.12
158-P07ESDVP-E	C	P07ESDVP	7	5.08	30.48	35.56	3.26	2.72	2.47
158-P08ESDVP-E	C	P08ESDVP	8	5.08	35.56	40.64	3.73	3.11	2.82
158-P09ESDVP-E	C	P09ESDVP	9	5.08	40.64	45.72	4.19	3.50	3.18
158-P10ESDVP-E	C	P10ESDVP	10	5.08	45.72	50.80	4.66	3.88	3.53
158-P11ESDVP-E	C	P11ESDVP	11	5.08	50.80	55.88	5.68	4.73	4.30
158-P12ESDVP-E	C	P12ESDVP	12	5.08	55.88	60.96	5.59	4.66	4.24

**5.08mm Terminal Block Plugs - 90° Wire-to-Plug Orientation**  
300V@15A, IEC 250V@12A, 28-12AWG, Green Color

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02ESDPP-E	D	P02ESDPP	2	5.08	5.08	10.16	.99	.83	.75
158-P03ESDPP-E	D	P03ESDPP	3	5.08	10.16	15.24	1.67	1.39	1.26
158-P04ESDPP-E	D	P04ESDPP	4	5.08	15.24	20.32	1.99	1.66	1.50
158-P05ESDPP-E	D	P05ESDPP	5	5.08	20.32	25.40	2.76	2.31	2.09
158-P08ESDPP-E	D	P08ESDPP	8	5.08	35.56	40.64	4.43	3.69	3.36

## TERMINAL BLOCK HEADERS

• RoHS compliant per Kobiconn documentation

**3.81mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation**  
300V@8A, IEC 125V@8A, Green Color-Vertical

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02ECH381VH-E	E	P02ECH381VH	2	3.81	3.81	8.41	.43	.36	.33
158-P03ECH381VH-E	E	P03ECH381VH	3	3.81	7.62	12.22	.70	.583	.529
158-P04ECH381VH-E	E	P04ECH381VH	4	3.81	11.43	16.03	.86	.72	.65
158-P05ECH381VH-E	E	P05ECH381VH	5	3.81	15.24	19.84	1.16	.971	.885
158-P06ECH381VH-E	E	P06ECH381VH	6	3.81	19.05	23.65	1.29	1.08	.98
158-P07ECH381VH-E	E	P07ECH381VH	7	3.81	22.86	27.46	1.51	1.26	1.14
158-P08ECH381VH-E	E	P08ECH381VH	8	3.81	26.67	31.27	1.72	1.44	1.31
158-P09ECH381VH-E	E	P09ECH381VH	9	3.81	30.48	35.08	2.10	1.75	1.59
158-P10ECH381VH-E	E	P10ECH381VH	10	3.81	34.29	38.89	2.16	1.80	1.63

**3.81mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation**  
300V@8A, IEC 125V@8A, Green Color-Right Angle

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P02ECH381RH-E	F	P02ECH381RH	2	3.81	3.81	8.41	.43	.36	.33
158-P03ECH381RH-E	F	P03ECH381RH	3	3.81	7.62	12.22	.65	.54	.49
158-P04ECH381RH-E	F	P04ECH381RH	4	3.81	11.43	16.03	.86	.72	.65
158-P05ECH381RH-E	F	P05ECH381RH	5	3.81	15.24	19.84	1.08	.90	.82
158-P06ECH381RH-E	F	P06ECH381RH	6	3.81	19.05	23.65	1.29	1.08	.98
158-P08ECH381RH-E	F	P08ECH381RH	8	3.81	26.67	31.27	1.72	1.44	1.31
158-P09ECH381RH-E	F	P09ECH381RH	9	3.81	30.48	35.08	1.94	1.62	1.47
158-P10ECH381RH-E	F	P10ECH381RH	10	3.81	34.29	38.89	2.33	1.94	1.76
158-P11ECH381RH-E	F	P11ECH381RH	11	3.81	38.10	42.70	2.37	1.98	1.80
158-P12ECH381RH-E	F	P12ECH381RH	12	3.81	41.91	46.51	2.79	2.33	2.11

**5.0mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation**  
300V@15A, IEC 250V@12A, Green Color-Vertical

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P025EHDVCH-E	G	P025EHDVCH	2	5.00	5	11.28	.43	.36	.33
158-P035EHDVCH-E	G	P035EHDVCH	3	5.00	10	16.28	.70	.583	.529
158-P045EHDVCH-E	G	P045EHDVCH	4	5.00	15	21.28	.86	.72	.65
158-P065EHDVCH-E	G	P065EHDVCH	6	5.00	25	31.28	1.39	1.16	1.05
158-P075EHDVCH-E	G	P075EHDVCH	7	5.00	30	36.28	1.51	1.26	1.14
158-P085EHDVCH-E	G	P085EHDVCH	8	5.00	35	41.28	1.72	1.44	1.31
158-P105EHDVCH-E	G	P105EHDVCH	10	5.00	45	51.28	2.32	1.93	1.75
158-P125EHDVCH-E	G	P125EHDVCH	12	5.00	55	61.28	2.79	2.33	2.11

**5.0mm PCB Terminal Block Headers - 90° Socket-to-Pin Orientation**  
300V@15A, IEC 250V@12A, Green Color-Right Angle

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P025EHDRCH-E	H	P025EHDRCH	2	5.00	5	11.28	.49	.417	.373
158-P035EHDRCH-E	H	P035EHDRCH	3	5.00	10	16.28	.68	.57	.52
158-P045EHDRCH-E	H	P045EHDRCH	4	5.00	15	21.28	.90	.75	.68
158-P055EHDRCH-E	H	P055EHDRCH	5	5.00	20	26.28	1.23	1.03	.938
158-P065EHDRCH-E	H	P065EHDRCH	6	5.00	25	31.28	1.33	1.11	1.01
158-P085EHDRCH-E	H	P085EHDRCH	8	5.00	35	41.28	1.76	1.47	1.33
158-P095EHDRCH-E	H	P095EHDRCH	9	5.00	40	46.28	2.25	1.87	1.70
158-P105EHDRCH-E	H	P105EHDRCH	10	5.00	45	51.28	2.49	2.08	1.89
158-P125EHDRCH-E	H	P125EHDRCH	12	5.00	55	61.28	2.62	2.19	1.99

**5.08mm PCB Terminal Block Headers - 180° Socket-to-Pin Orientation**  
300V@15A, IEC 250V@12A, Green Color-Vertical

MOUSER STOCK NO.	Fig.	Kobiconn Part No.	Pos.	Dimensions: mm			Price Each		
				P	U	V	1	50	100
158-P022EHDVCH-E	G	P022EHDVCH	2	5.08	5.08	11.36	.43	.36	.33
158-P032EHDVCH-E	G	P032EHDVCH	3	5.08	10.16	16.44	.6		