

Overview of PCB Connectors

Chapter		Connected loads to IEC 60664-1 / IEC 61984				Connected loads to UL 1059			
		Pitch [mm]	Conductor cross-section [mm²]	Max. rated current [A]	Max. rated voltage [V]	Pitch [inch]	Conductor cross-section [AWG]	Max. rated current [A]	Max. rated voltage [V]
Minimate Range pitch 3.50	D	3.50 x 2.50	0.20 - 1.0	10	250	0.138 x 0.098	28 - 18	10	150
Omnimate Range pitch 3.50 / 3.81	E	3.50	0.20 - 1.5	17	250	0.138	28 - 14	10	300
		3.81	0.20 - 1.5	14.5	250	0.150	28 - 16	8	300
Omnimate Range pitch 5.00 / 5.08	F	5.00	0.20 - 2.5	23	400	0.197	26 - 12	15	300
		5.08				0.200			
Omnimate Range pitch 7.50 / 7.62	G	7.50	0.20 - 2.5	20	800	0.295	26 - 12	15	300
		7.62				0.300			
Unimate Range pitch 5.08	H	5.08	0.20 - 2.5	20	400	0.200	26 - 12	10	300
Powermate Range pitch 7.00	I	7.00	0.32 - 4.0	32	1000	0.276	22 - 12	25	600
Powermate Range pitch 7.62	J	7.62	0.20 - 6.0	41	800	0.300	22 - 10	31	600
Powermate Range pitch 10.16	K	10.16	0.20 - 16.0	69	1000	0.400	22 - 6	54	600
Crimpmate Range pitch 5.00	L	5.00	0.20 - 2.5	17	500	0.197	26 - 12	10	600

C

