



DC / DC Converters



Specifications

Model No. HDC

Type	Voltage Supply V _{cc} (V)	Output voltage V _o (V)Typ.	Output Current I _o (mA)Max.	Efficiency (%)	Dimension(mm) L × W × H	Note
A	+3.3	+15.0 +6.5 +5.3 -6.0 -17.0	+4 +55 +70 -70 -8	>70	In-board type Height: 2.0mm Max. (not including board thickness)	
B	+3.3	+16.0 +12.0 +11.5 +6.0 +5.5 -1.0	+2.8 +30 +50 +20 +50 -2	>70	In-board type Height: 2.0mm Max. (not including board thickness)	
C	+3.3	+11.5 +9.0 -5.5	+5 +90 -5	>80	In-board type Height: 1.2mm Max. (not including board thickness)	
D	+12.0	+35.0 +12.2 -5.5	+15 +500 -5	>80	43.0 × 19.3 × 8.0	
E	+12.0	+13.0 +7.5 +5.0 -16.0	+26 +15 +100 -7	>65	In-board type Height: 6.0mm Max. (not including board thickness)	
F	+3.3	+22.45 -16.55 +8.35	+6 -6 +30	>65	42.0 × 8.8 × 5.2	Voltage Control ON/OFF Control
G	+3.3	+23.5 +9.0 -11.6	+3 +160 -15	>75	In-board type Height: 2.0mm Max. (not including board thickness)	
H	+3.3	+20.0 +9.0 -6.0 -11.0	+3 +200 -8 -6	>75	In-board type Height: 1.25mm Max. (not including board thickness)	
I	+3.3	+15.0 +10.0 +5.0 -2.0	+2 +110 +15 -2	>80	In-board type Height: 1.3mm Max. (not including board thickness)	
J	3.3 or 5.0	+13.0 +8.0 -7.0	+15 +100 -60	>70	34.7 × 7.9 × 5.8	
K	+5.0	+30.0 +13.0 -5.5	+10 +350 -20	>80	45.0 × 13.5 × 4.3	
L	+3.3	+13.5 +5.0 -25.0	+5 +75 -30	>70	In-board type Height: 3.0mm Max. (not including board thickness)	
M	+8.5	+15.0 +6.5 +5.3 -6.0 -17.0	+4 +55 +70 -70 -8	>75	32.0 × 20.2 × 5.5	
N	+3.3	+15.0 +6.5 +5.3 -6.0 -17.0	+4 +55 +70 -70 -8	>65	32.0 × 20.2 × 5.5	
O	+5.0	+15.0 +6.5 +5.3 -6.0 -17.0	+4 +55 +70 -70 -8	>65	32.0 × 20.2 × 5.5	