

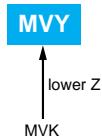


SURFACE MOUNT ALUMINUM ELECTROLYTIC CAPACITORS

Low Impedance 105°C

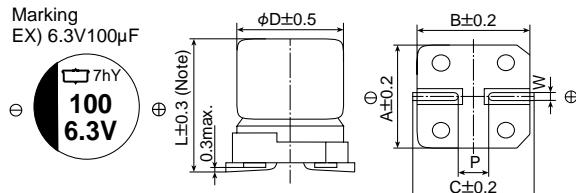
Upgrade! Alchip[®]-MVY Series

- F80 size (ϕ 6.3×8.0max) is newly lined-up
 - 50V_{dc} is newly lined-up
 - Low impedance, 105°C 1000 to 2000 hour-load life
 - For digital equipment, especially DC-DC converters and VRM



◆ SPECIFICATIONS

◆DIMENSIONS (Terminal type=VC) [mm]

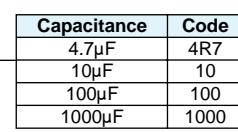


Case code	D	L	A	B	C	W	P
D55	4	5.2	4.3	4.3	5.1	0.5 to 0.8	1.0
E55	5	5.2	5.3	5.3	5.9	0.5 to 0.8	1.4
F55	6.3	5.2	6.6	6.6	7.2	0.5 to 0.8	1.9
F80	6.3	7.7	6.6	6.6	7.2	0.5 to 0.8	1.9
H63	8	6.3	8.3	8.3	9.0	0.5 to 0.8	2.3
H10	8	10.0	8.3	8.3	9.0	0.7 to 1.1	3.1
J10	10	10.0	10.3	10.3	11.0	0.7 to 1.1	4.5

Note : L±0.5 for φ8×6 (H63), φ8×10 (H10) & φ10×10 (J10).

◆PART NUMBERING SYSTEM

MVY 16 VC 100 M F55 TP



◆ STANDARD RATINGS

STANDARD RATINGS	µF	V_{dc}	6.3	10	16	25	35	50
1.0								D55 5.0 30
2.2								D55 5.0 30
3.3								D55 5.0 30
4.7							D55 3.0 60	E55 3.0 50
10								
22	D55	3.0	60		D55 3.0 60		E55 1.8 95	F55 2.0 70
33				► E55 1.8 95			F55 1.0 140	H63 1.2 120
47	E55	1.8	95				H63 0.70 230	F80 0.6 170
68							F80 0.34 280	H10 0.6 300
100	F55	1.0	140		F55 1.0 140	F80 0.34 280	H10 0.30 450	J10 0.3 500
220	H63	0.70	230		H63 0.70 230			
330	F80	0.34	280					
470				► H10 0.30 450		J10 0.15 670		
1,000								
1,500	J10	0.15	670					

Note : → Use next higher voltage part.