



## Solid Aluminum Capacitors with Organic Semiconductor Electrolyte

<b>VISHAY OS-CON CAPACITOR ESR MATRIX TABLE</b>							
WV ESR (mΩ)	4 V	6.3 V	10 V	16 V	20 V	25 V	30 V
10	SP (G, FO)	-	-	-	-	-	-
12	SP (F)	-	-	-	-	-	-
13	-	SP (F)	-	-	-	-	-
14	SP (E)	-	-	-	-	-	-
15	-	SA (H)	SP (F)	SA (H)	-	-	-
16	-	SP (E)	-	-	-	-	-
18	-	-	SP (E)	SP (F)	-	-	-
20	-	-	-	SA (G), SP (E)	SP (F)	-	-
24	SP (F')	-	-	-	SP (E)	-	-
25	SS (F)	SH, SA (F)	SS (F)	-	-	-	-
26	-	SP (F')	-	-	-	-	-
27	-	-	SA, SH (F)	-	-	-	-
28	SP (E')	-	SP (F')	SA, SH (F)	-	-	-
30	-	SA, SH, SS (E) SP (E')	SS (E)	SA, SH (E) SP (F')	SA, SH (F) SS (E, F)	-	-
32	-	-	SP (E')	-	SP (F')	-	-
34	-	-	-	SP (E')	-	-	-
35	SP (C)	SP (C)	-	-	-	SC (F)	-
36	-	-	-	-	SA, SH (E) SP (E')	-	-
40	SP (C'), SS (D)	SP (C')	SP (C), SS (D)	-	SA, SH (E)	SC (E)	-
45	-	-	SP (C')	SP (C)	SP (C)	-	-
50	-	-	SA, SH (D)	SP (C'), SS (D)	SP (C')	-	-
55	SL (F')	-	-	-	-	-	-
60	SL (E')	SA, SH (C) SL (F')	SL (F'), SC (D)	SA, SH (D)	SS (D)	-	-
65	-	SL (E')	SL (E')	SL (F')	-	-	-
70	SS (C')	SC (C)	SL (C'), SC (C)	SA, SH (C), SL (E'), SC (D)	SA (C, D) SH (C, D)	SC, SH (D), SL (F')	-
75	-	-	-	-	-	SL (E')	-
80	-	-	SL (C')	-	-	-	SC (F)
90	-	-	-	SH, SC (C)	SA, SH (C)	SC, SH (C)	-
100	-	-	-	SL (C'), SS (C')	SS (C')	SC, SH (C), SL (C')	-
110	-	-	-	-	-	-	SC (E)
120	-	SC, SH (B), SL (B')	-	-	-	-	SC (D)
150	-	SS (B')	SC, SH (B) SS, SL (B')	SC, SH (B) SS (B')	-	-	-

**Notes:** This ESR Matrix table is limited to types which are lead type and have ESR of less than 150 mΩ.

ESR: 100 kHz to 300 kHz at 25 °C (mΩ).

( ): Case size.