



Aluminum Electrolytic Capacitors, SMD, Radial, and Axial

Vishay BCcomponents

REPLACEMENT SERIES TABLE			
MATURED SERIES	DESIGN	REMARK	REPLACEMENT SERIES
048 CLB	SMD	General purpose, 105 °C	153 CRV
085 CS	SMD	Horizontal SMD, 85 °C	153 CRV
136 CLB	SMD	Low impedance, 105 °C	150 CRZ
139 CLL	SMD	Horizontal SMD, 105 °C	153 CRV
140 CLH	SMD	High temperature, 125 °C	140 CRH
150 CLZ	SMD	Low impedance, 105 °C	150 CRZ
153 CLV	SMD	General purpose, 105 °C	153 CRV
165 CLB	SMD	High temperature, 125 °C	140 CRH
172 CLP	SMD	Horizontal SMD, 85 °C	153 CRV
175 TMP	SMD	Solid aluminum, 175 °C	No direct replacement
176 SAL	SMD	Solid aluminum	No direct replacement
034 RS	Radial	General purpose, 85 °C	142 RHS
035 RS	Radial	General purpose, 85 °C	142 RHS
037 RSM	Radial	General purpose, 85 °C	142 RHS
038 RSU	Radial	General purpose, 85 °C	142 RHS
044 RSH	Radial	General purpose, HV, 85 °C	152 RMH
045 RSS	Radial	General purpose, 105 °C	048 RML
046 RSL	Radial	Low impedance, 105 °C	048 RML
047 RMS	Radial	General purpose, 105 °C	148 RUS
097 RLP7	Radial	Low profile 7 mm, 85 °C	No direct replacement
134 RLP5	Radial	Low profile 5 mm, 85 °C	No direct replacement
135 RLI	Radial	Low impedance, 105 °C	150 RMI, 136 RVI, 170 RVZ
151 RLH	Radial	General purpose, HV, 105 °C	152 RMH
164 RSX	Radial	Long life, 105 °C	150 RMI, 136 RVI
165 RHT	Radial	High temperature, 125 °C	140 RTM
122 SAL-RP	Radial	Solid aluminum	No replacement
124 SAL-RQ	Radial	Solid aluminum, boxed	No replacement
128 SAL-RPM	Radial	Solid aluminum	No replacement
129 SAL-RDC	Radial	Solid aluminum, low leakage	No replacement
014 ALZ	Axial	Low impedance	021 ASM
015 AS	Axial	General purpose, 85 °C	021 ASM
016 AS	Axial	General purpose, 85 °C	021 ASM
017 AS	Axial	General purpose, 85 °C	021 ASM
022 ASR	Axial	General purpose, 105 °C	138 AML, 125 ALS
023 ASR	Axial	General purpose, 85 °C	021 ASM
024 AMR	Axial	Miniaturized, 105 °C	138 AML, 125 ALS
025 AMR	Axial	Miniaturized, 85 °C	021 ASM
026 ACR	Axial	General purpose	138 AML, 041-043 ASH, 125 ALS
027 ACR	Axial	General purpose	138 AML, 041-043 ASH, 125 ALS
032/033 AS	Axial	General purpose, 85 °C	021 ASM
039 ABP	Axial	Bipolar	No replacement
042/043 ASH-ELB	Axial	Lighting ballast standard	042-043 AHH-ELB, 042-043 AMH-ELB
049 ASC	Axial	General purpose, 85 °C	021 ASM
065 ALC	Axial	Low leakage, 85 °C	021 ASM
108 ALL-IEC	Axial	Long life, 85 °C	132 ALL-DIN, 138 AML, 125 ALS
117 ASD	Axial	Miniaturized, 85 °C	No replacement
133 ALL-DIN	Axial	Ø 10 mm x 30 mm to 21 mm x 40 mm only	041-043 ASH
137 ABA, 137 92 AB	Axial	Bipolar	No replacement
121 SAL-A	Axial	Solid aluminum	No replacement
123 SAL-A	Axial	Solid aluminum	No replacement



Vishay Roederstein

REPLACEMENT SERIES TABLE			
MATURED SERIES	DESIGN	REMARK	REPLACEMENT SERIES
ECA	SMD	Miniaturized, 105 °C	No replacement
ECB	SMD	Miniaturized, 105 °C	153 CRV
ECL	SMD	Low impedance, 105 °C	150 CRZ
EKA	Radial	General purpose, 85 °C	142 RHS
EKB	Radial	General purpose, 105 °C	048 RML, 142 RHS, 148 RUS
EKC	Radial	General purpose, 105 °C	136 RVI, 150 RMI, 170 RVZ
EKE	Radial	General purpose, 105 °C	136 RVI, 150 RMI, 170 RVZ
EKF	Radial	Miniaturized, 85 °C	No replacement
EKH	Radial	Miniaturized, 105 °C	142 RHS, 148 RUS
EKI	Radial	General purpose, 105 °C	No replacement
EKL	Radial	High temperature, low impedance, 125 °C	146 RTI, 190 RTL
EKM	Radial	General purpose, 105 °C	116 RLL, 048 RML, 148 RUS
EKO	Radial	General purpose, 85 °C	142 RHS
EKR	Radial	General purpose, 105 °C	150 RMI, 170 RVZ
EKS	Radial	General purpose, 105 °C	142 RHS
EKSU	Radial	Bipolar, 105 °C	No replacement
EKV	Radial	Lighting ballast, 105 °C	No replacement
EKX	Radial	Low impedance, 105 °C	No replacement
EBV / EGV (-D)	Axial	Lighting ballast	042-043 AHH-ELB
EGU	Axial	Bipolar	No replacement
EGT	Axial	Bipolar	No replacement
EGW	Axial	Bipolar	No replacement
ELM / EBM / EGM	Axial	Miniaturized, 85 °C	021 ASM
EL / EB / EG	Axial	General purpose	030/031 AS, 041 ASH
EBU	Axial	Bipolar	No replacement
EBT	Axial	Bipolar	No replacement
EBC / EGC	Axial	General purpose	132/133 ALL-DIN, 138 AML, 125 ALS
EBR	Axial	General purpose	030/031 AS
EBL / EGL	Axial	Higher temperature	118 AHT, 126 ALX

Vishay Sprague

REPLACEMENT SERIES TABLE			
MATURED SERIES	DESIGN	REMARK	REPLACEMENT SERIES
515D	Radial	General purpose, 85 °C	142 RHS
516D	Axial	General purpose, 85 °C	021 ASM
517D	Radial	General purpose, 105 °C	142 RHS, 148 RUS, 150 RMI
673D / U673D	Radial	General purpose, 105 °C	No replacement
674D / U674D	Radial	General purpose, 105 °C	No replacement
757D	Radial	Low impedance, 105 °C	150 RMI, 170 RVZ
94SA / 94SC / 94SF / 94SH / 94SL / 94SP / 94SS	Radial	General purpose, 105 °C	No replacement
M39018	Radial	Military	No replacement
U676D / 676D / U677D / 677D	Radial	Low impedance, 105 °C	No replacement
U678D	Radial	Miniaturized, 105 °C	No replacement
U787D / 787D	Radial	General purpose, 105 °C	No replacement