

Capacitor C609

Another high-failure capacitor is C-609, also located on AF chassis about midway on the main (and only) circuit board. C-609 is an 8ufd electrolytic and serves as the cathode bypass capacitor for V-601A. Again, the acid leaches from the electrolyte and will destroy the capacitor sometimes actually only the 2 soldered in leads.

I replace this component with a 8ufd 35V available from various commercial parts houses. However, a 10ufd, 35V replacement is available at your local Radio Shack.

Note in the picture that I have placed a "+" on the end of the board. Electrolytic caps are usually polarized and you should make sure to orient the replacement capacitor with the positive end as shown.



74-150D35V10

Tantalum Capacitors - Solid Leaded 10uF 35volts 10% R case Axial

[»Product Detail](#)

Stock:
114 Can Ship Immediately
On Order:
0
Factory Lead-Time:
11 Weeks

Mfr. Part #:	150D106X9035R2B
Product Category:	Tantalum Capacitors - Solid Leaded
Manufacturer:	Vishay
RoHS:	No
Termination Style:	Axial
Capacitance:	10 uF
Voltage Rating DC:	35 VDC
Tolerance:	10 %
Minimum Operating Temperature:	- 55 C
Maximum Operating Temperature:	+ 85 C
Series:	150D
Diameter:	7.34 mm
Length:	17.42 mm
Operating Temperature Range:	- 55 C to + 85 C
Package / Case:	Case R
Packaging:	Tray
Product:	Tantalum Solid Hermetically Sealed
Type:	Solid-Electrolyte TANTALEX Capacitors, Hermetically-Sealed, Axial Lead

Pricing

Minimum:	Multiples:
1	1
1:	10,27 €
25:	6,54 €
50:	4,53 €
100:	4,33 €
500:	3,78 €

[Buy](#)

Voltage Rating:	35 V
Brand:	Vishay / Sprague
Leakage Current:	3 uA
Dissipation Factor DF:	4
Lead Diameter:	0.64 mm
Lead Style:	Straight
Qualification:	Commercial
Factory Pack Qty:	50
Tradename:	Tantalex

 [150D106X9035R2B Datasheet](#)