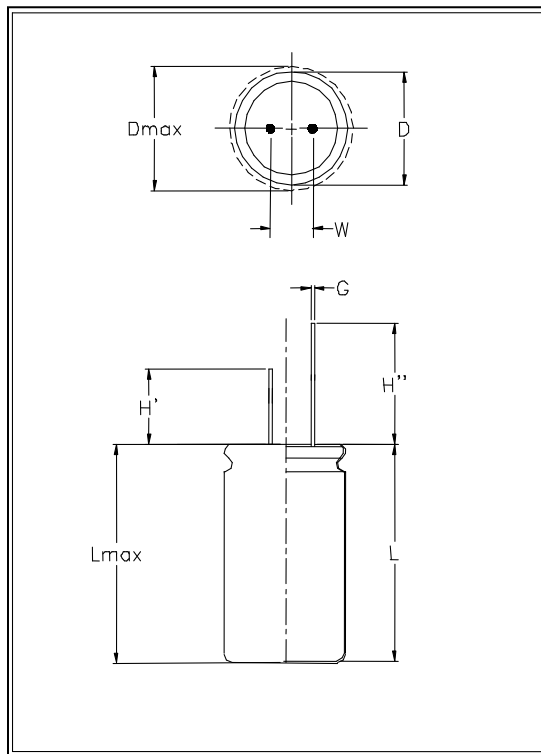




ALUMINUM CAPACITORS

Electrical and Mechanical Specifications



Product Type: Radial (Type D)

P/N: 512D476U050CD4DSR9

Capacitance: 47.0 μ F

Tolerance: -20% / +50%

Voltage: 0-50 VDC

ESR: 4.7 Ω max.

DF: 16.66 % max.

DC Leakage: 11.7 μ A max. after 5 min.
charge at rated voltage

Ripple@120Hz: 0.257 Amps @ 85°C
100kHz Amps @ 85°C

Sleeving: Blue PVC

Marking: 47UF
50VDC
(-)(-)***
(2) 512D
DATE CODE
105C

Comments: Full Descriptor P/N:

512D476U050CD4DSM800
ESR Limit @20KHz = 1.6? Max.
Impedence @100KHz, 25C =
1.35? Max.

Figure	Dimensions	
G	0.025 in.	0.630 mm
D	0.394 in. nom.	10.000 mm nom.
Dmax	0.413 in. max.	10.500 mm max.
L	0.630 in. nom.	16.000 mm nom.
Lmax	0.669 in. max.	17.000 mm max.
H'	0.843 in. min.	21.412 mm min.
H''	1.020 in. min.	25.908 mm min.
W	0.197 in. nom.	5.000 mm nom.

NOTE: max. dimensions include sleeving thickness

Drawn by: A.Futreal

Date: February 25, 2014

TDS Rev: 0



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Vishay

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Mouser Electronics

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