

DATA SHEET

DC Filter Capacitor for Power Electronics

TYPE : PVAJP 24 - 1,5/350

Standard acc. to IEC 61071

Rated DC voltage	VDC	1 500
AC voltage max	Vrms	250
Capacitance	μ F	350
C_N tolerance	%	- 5/+ 5
U surge	V	2 250
U peak/periodic	VDC	1 500
I max / 60 C	A	60
I peak/periodic	kA	3,5
I peak	kA	16
Series resistance	mOhm	1,7
Self inductance	nH	55

Dielectric losses	W/kvar	0,15
Therm.resist.Rth.	K/W	2,2*)
*) No heating via terminals		
Climatic category	$^{\circ}$ C	25/70/21
Storage temp.	$^{\circ}$ C	- 40/+ 85

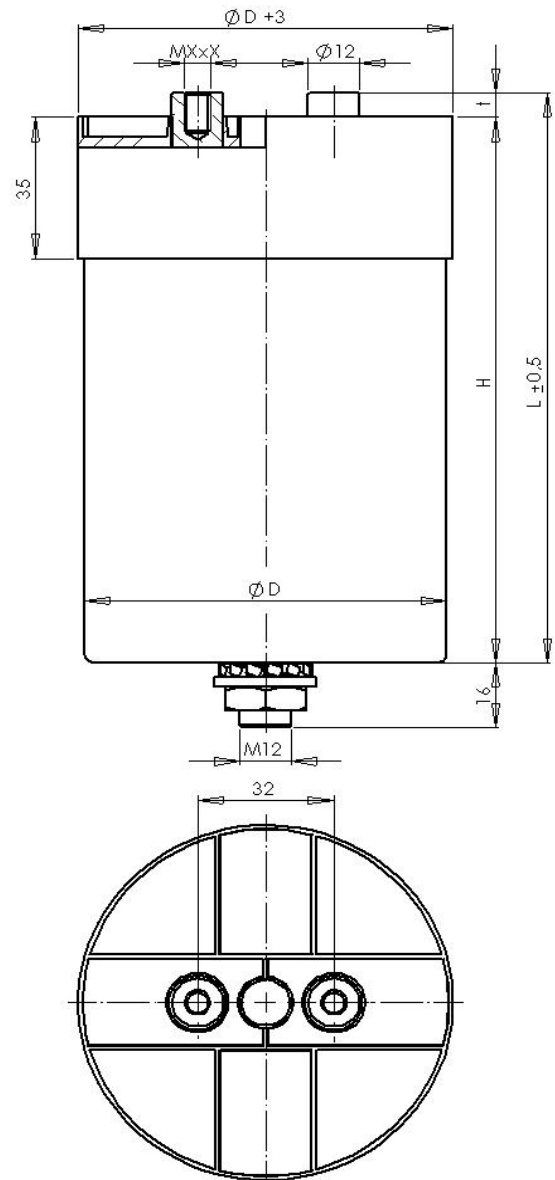
Life expectancy at hot spot	h	200 000
Failure rate	$^{\circ}$ C	55
	FIT	300

\varnothing D	mm	85
H - case	mm	234
t - terminals	mm	4
L - Total height (T + t)	mm	238
Spacing	mm	32
Terminal	M	M6 x 10
Torque for M6	Nm	nominal / max 4 / 5
Torque for M12 - bolt	Nm	nominal / max 6 / 7
Creep distance	mm	36
Strike distance	mm	20

Test voltage U_{TT}	VDC	2250/10s
Test voltage U_{TC}	VAC	4000/2s

Fire load	MJ	48
Weight	kg	1,55

Outline drawing



Design MKP metallized polypropylene capacitors encapsulated in Al/plastic case by polyurethan resin UL-94,V0,dry PCB and halogen free
No liquid filling

Safety devices No fuse Without interrupter
Selfhealing VDC max.2000

		DRAWN : R.H./Fal.
TYPE : see above	DRW. No. 4J 6990 Aa	APPVD :
		Date : 29.2.2008
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