

DATA SHEET

Capacitor for Power Electronics

TYPE : PVAJP 24 - 1,2/100

Standard acc. to IEC 61071
acc. to EN 61881

CHARACTERISTICS

Rated DC voltage	VDC	1 200
Voltage AC max	Vrms	200
Capacitance	µF	100
C _N tolerance	%	- 10/+10
Current	A	30
u _{max} periodic	V	1 500
u _s non-periodic	V	1 800
i _{max} periodic	kA	2,1

Series resistance	mOhm	1,3
Self inductance	nH	< 40

THERMAL CONDITIONS

Dielectric losses	W/kvar	0,2
Case temperature	°C	-40/+70
Storage temperature	°C	-40/+70

SERVIS LIFE

Life expectancy	h	120 000
at hot spot	°C	55
Failure rate	FIT	100

DIMENSION

ØD	mm	85
H - case	mm	100
t - terminals	mm	6
L - Total height (T + t)	mm	106
Spacing	mm	32
Terminal	M	M6x10
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 DATA (routine test)

Test voltage U _{T/T}	VDC	1 800
Test time	sec	10
Test voltage U _{T/C}	VAC	4 000
Test time	sec	10

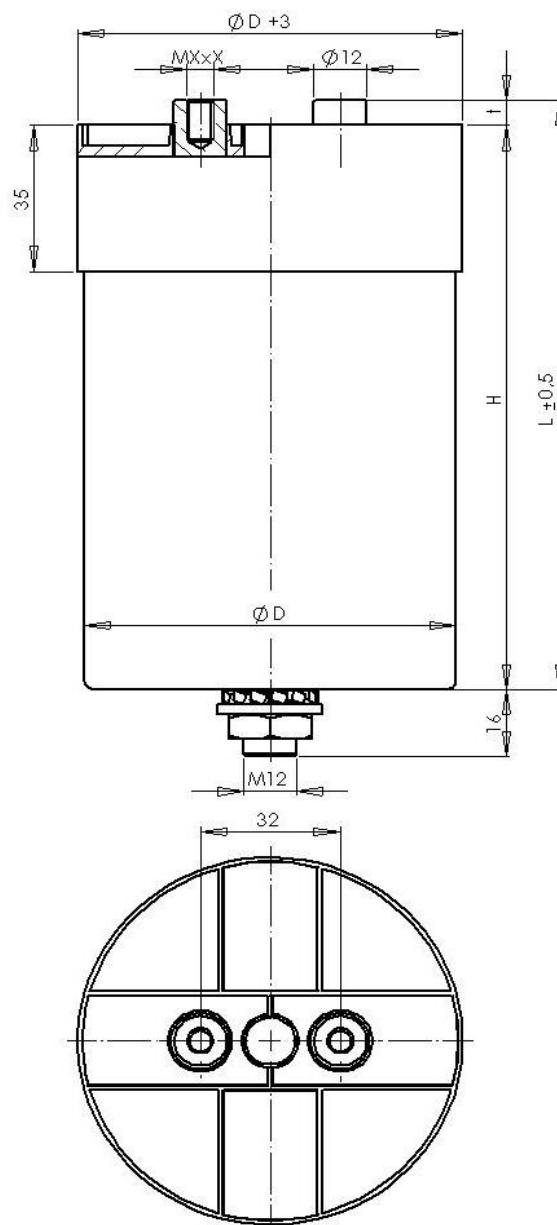
DESIGN


Design MKP metallized polypropylene capacitors encapsulated in Al case by polyurethan resin UL-94,V0, PCB and halogen free

Safety devices No fuse Without interrupter

Combustion load MJ 28

Weight kg 0,7



TYPE : see above		DRW. No. 3BP1292	DRAWN : Fal.
			APPVD :
			Date : 18.10.2010
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