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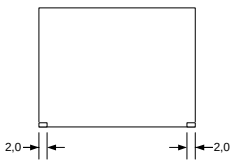
Type: PPMA 80-3.0 cs2 (K)

date: 02.05.2006
issued by: db
version: 1.0
08.05.2006
07:51

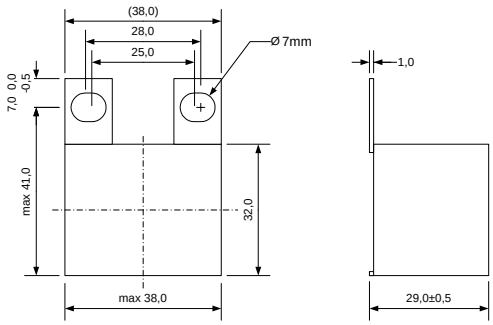
Technical data

Nominal capacitance	C_N	3	µF ± 10%
Nominal voltage dc	U_{NDC}	800	V
Energy	W_N	0,96	Ws
Nominal current (50°C)	I_{RMS}	34	A
Max. Peak current	$\hat{I}$	315	A
Max. Pulse rise time	$\Delta U/\Delta t$	105	V/µs
Series resistance	R_S	2	mΩ
Dissipation factor	$\tan\delta$	2	$x10^{-4}$
Insulation resistance	C x R_{iso}	10 000	s
Self inductance	L_E	20	nH
Min. Operating temperature	ϑ_{min}	-25	°C
Max. Operating temperature	ϑ_{max}	+70	°C
Storage temperature	ϑ_{Lager}	-40...+85	°C
Thermal resistance	R_{th}	16	°C/W
Climatic category DIN IEC 68/1		25/070/21	



Test Data

Test voltage between terminations	U_{TT}	1200	V dc / 2s



Life expectancy	100 000	h
@ hot spot	60	°C
Failure rate	1	fit

applied parameters 0,5 x UN ; 40°C

General technical data

Coating	plastic case with resin sealing Flame retardant according to UL 94-V0
Dielectric	polypropylene
Terminations	tinned copper
Weight	ca. 47g