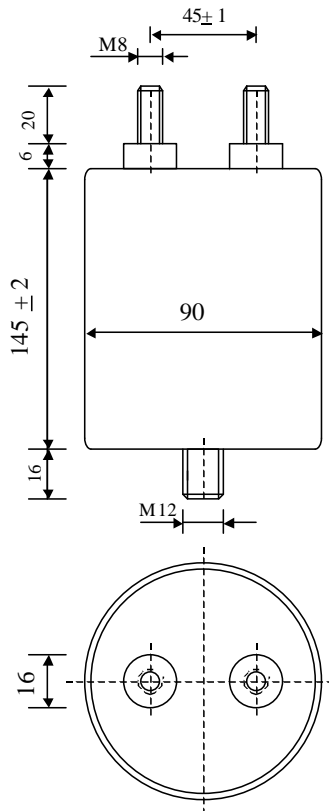


#5744

METALLIZED POLYPROPYLENE CAPACITORS

PPM 70-650.0 cv5 J



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	650	μF	1 V / 1 kHz
Tolerance		± 5	%	
Rated voltage	Un DC	700	VAC	
Surge voltage	Us	1000	V cr.	
RMS Current permanent	I _{eff max.}	35	A _{eff}	
Repetitive surge current	I cr. max	1400	A	
Tangent delta	tgδ	≤ 185	10 ⁻⁴	1 V / 1 kHz
Equivalent serie resistance	ESR	25°C to 70°C	4.5	mΩ
Stray inductance	ESL	≤ 60	nH	
Insulation resistance	Ri x C	≥ 30'000	s	300 VDC - 1 min
Test voltage between terminals	U T1	1200	VDC	10 s
Test voltage terminals to case	U T2	2500	VAC	50 Hz / 1 min
Climatic category		27/70/56		
Estimated operational life (-5 %)		> 160'000	h	Un DC
Dimension	Symbol	Value	Unit	Conditions
Diameter	D	90	mm	
Height	H	145	mm	
Terminals				
Thread		M8 x 20	mm	
Thread spacing	e	45	mm	
Fixing stud		M12 x 16	mm	
Mass approx.	m	1	kg	
	M1			
	M0	25.08.2008	HJJ	
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains
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Le Janché
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A FISCHER & FAUDSCHER COMPANY

HJJ

12.08.2008

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