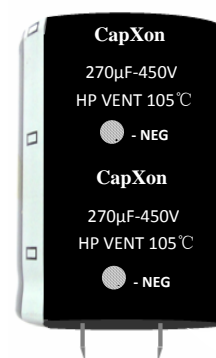


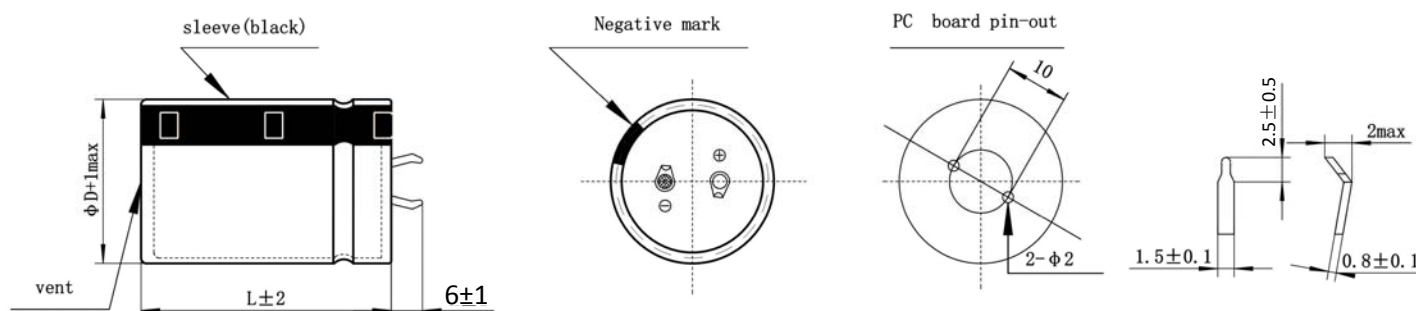
HP series

Part number	HP271M450O310A	
Capacitance	270	μF
Voltage	450	Vdc
Surge Voltage	495	Vdc
Capacitance Tolerance (@120Hz, +20°C)	±20	%
Ripple current (max. @120Hz,+105°C)	1.3	A
Dissipation factor (tanδ @120Hz, 20°C)	20	%
Leakage Current (max. @20°C)*	1046	μA
ESR (max.@120Hz, +20°C)	980	mΩ
Size(DxL)	30x30	mm
Operating temperature	-40 to 105	°C
Endurance	2000	Hours



*L.C. $I \leq 3 \cdot \sqrt{CV}$ (C = CAP., V = W.V.) After 5 minutes with rated working voltage applied.

Test conditions	Useful Life	Endurance	Shelf Life
Duration time	5000h @105 °C	2000h @ 105°C	1000h @105°C
Applied voltage	Rated DC working voltage, I _R		None
After test requirements (+20°C):			
Capacitance change	≤ ±20% of initial measured value	≤ ±10% of initial measured value	
Dissipation factor change	≤200% of the initial specified value	≤130% of the initial specified value	
Leakage current	≤ the initial specified value		
comment			Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 min.



Series	Cap	Tol.	Voltage	Case D	Case L	Type	Lead Treatm.	Special
1_2	3_4_5	6	7_8_9	10	11_12_13	14	15_16	17_18_19_20
HP	271	M	450	O	310	A		
	=270μF	=±20%	=450V	=30mm	=31mm	A=standard	no request	no request

Specification and description for the component(s) are subject to change without notice. For packaging, handling, precautions and warning information, please visit our website: www.capxongroup.com