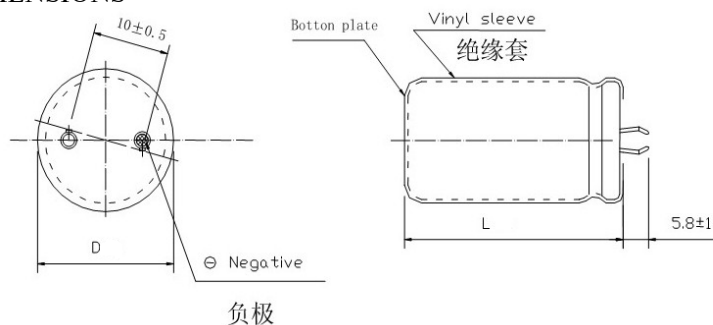


HUAWEI P/N: HP2D442MS10AS68CE0	CHANGZHOU HUAWEI ELECTRONICS CO.,LTD	Page:1/1
	HP 200V4400 35*100	

CUSTOMER :
CUSTOMER P/N: /

DIAGRAM OF DIMENSIONS



$\Phi D+1.0(\text{Max})$	35
$L+2.0(\text{Max})$	100

Items	Performance																																						
Operating temperature range	-25℃ ~ +105℃																																						
Capacitance Tolerance	-20% ~ +20% (120Hz,+20℃)																																						
Surge voltage	250VDC																																						
Leakage current	LC≤1500μA at +20℃ , After 5 minutes																																						
Dissipation Factor (Tan δ)	≤0.15 (120Hz,20℃)																																						
Ripple Currents(rms)	7.70A (120Hz,105℃)																																						
Low Temperature Characteristics(120Hz)	<table><tr><td>Z-25℃ / Z+20℃</td><td colspan="5">4</td></tr></table>						Z-25℃ / Z+20℃	4																															
Z-25℃ / Z+20℃	4																																						
Ripple Current& Frequency Multipliers	<table><tr><td> U(V) \ F(Hz) </td><td>50</td><td>120</td><td>1K</td><td>10K</td><td>≥50K</td></tr><tr><td>160~450</td><td>0.80</td><td>1.00</td><td>1.30</td><td>1.41</td><td>1.43</td></tr></table>						U(V) \ F(Hz)	50	120	1K	10K	≥50K	160~450	0.80	1.00	1.30	1.41	1.43																					
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160~450	0.80	1.00	1.30	1.41	1.43																																		
Life Test: Load Life Test: After 2000 Hrs at 105℃ Shelf Life Test: After 1000 Hrs at 105℃	Shelf Life Test: The rated voltage shall be applied for 30 minutes to the capacitors before the measurements(Refer to IEC-60384) <table><tr><td rowspan="2">Capacitance Change</td><td colspan="5">Load Life: Within ±20% of initial value Shelf Life :Within ±20% of initial value</td></tr><tr><td colspan="5">Load Life: Less than 200% of specified value Shelf Life: Less than 200% of specified value</td></tr><tr><td rowspan="2">Dissipation Factor</td><td colspan="5">Shelf Life: Within specified value Load Life: Within specified value</td></tr><tr><td colspan="5">Load Life: Less than 200% of specified value Shelf Life: Less than 200% of specified value</td></tr><tr><td rowspan="2">Leakage current</td><td colspan="5">Shelf Life: Within specified value Load Life: Within specified value</td></tr><tr><td colspan="5">Load Life: Within specified value Shelf Life: Within specified value</td></tr></table>						Capacitance Change	Load Life: Within ±20% of initial value Shelf Life :Within ±20% of initial value					Load Life: Less than 200% of specified value Shelf Life: Less than 200% of specified value					Dissipation Factor	Shelf Life: Within specified value Load Life: Within specified value					Load Life: Less than 200% of specified value Shelf Life: Less than 200% of specified value					Leakage current	Shelf Life: Within specified value Load Life: Within specified value					Load Life: Within specified value Shelf Life: Within specified value				
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Leakage current	Shelf Life: Within specified value Load Life: Within specified value																																						
	Load Life: Within specified value Shelf Life: Within specified value																																						
Solder Heat-resistance	Dip of wave soldering capacitors should be less than 260±5℃,10±1seconds																																						
Standards	IEC-60384																																						
Remarks	RoHS Compliance & Halogen-free																																						

Publish Date	March 23, 2020	Approval Signatures:	Approved	Checked	Designed
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