

■ Features

- For surface mount 125 deg C, 4000 hours guaranteed.
- Low E.S.R. and high ripple current are realized.
- Equivalent to conductive polymer type Aluminum Electrolytic Capacitor
(There are little characteristics change by temperature and frequency)

■ Specifications

Item	Performance				
Category temperature range (deg C)	-55 to +125				
Rated Voltage (V)	25 to 63				
Tolerance at rated capacitance (%)	-20 to +20 (20deg C,120Hz)				
Leakage current (uA)	Less than 0.01CV C:Rated capacitance(uF), V:Rated voltage(V) after 2 minutes (20deg C)				
Tangent of loss angle	Rated voltage (V)	25	35	50	63
	Tangent of loss angle	0.14	0.12	0.10	0.08 (20deg C,120Hz)
ESR (mohm max.)	Refer to Standard Ratings. (20deg C,100kHz)				
Rated ripple current (mA max.)	Refer to Standard Ratings. (125deg C,100kHz)				
Endurance(125deg C) (Applied ripple current)	Test time		4000 hours		
	Leakage current		The initial specified value or less		
	Capacitance change		Within -30% to +30% of initial value		
	Tangent of loss angle		200% or less of the initial specified value		
	ESR change		200% or less of the initial specified value		
Shelf life(125deg C)	Test time : 1000 hours ; other items are the same as those for the endurance. Voltage application treatment.				

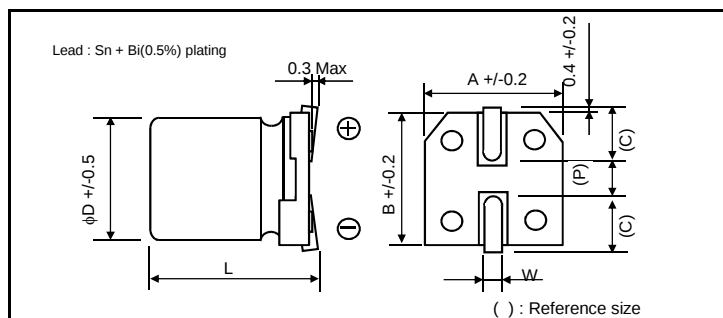
■ Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	120	1k	10k	100k	100k or more
Coefficient	0.10	0.30	0.60	1.00	1.00

■ Part numbering system (35V270uF)

HVK	-	35	V	271	M	H10	E	-	R2
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Additional symbol		Taping symbol

■ Outline drawing



Unit : mm

φD	L	A	B	C	W	P	Casing symbol
6.3	7.7±0.3	6.6	6.6	2.7	0.5 to 0.8	2.0	F80
8	8.7±0.3	8.4	8.4	3.0	0.5 to 0.8	3.1	G90
8	10.0±0.5	8.4	8.4	3.0	0.7 to 1.1	3.1	G10
10	8.7±0.3	10.4	10.4	4.7	0.7 to 1.1	4.7	H90
10	10.0±0.5	10.4	10.4	4.7	0.7 to 1.1	4.7	H10

(Note) Design, Specifications are subject to change without notice.

(Note) It is recommended that you shall obtain technical specifications from ELNA CO.,LTD to ensure that the component is suitable for your intended use.

ELNA CO.,LTD.

<http://www.elna.co.jp/>

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■ Standard Ratings

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