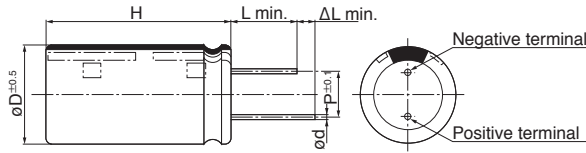
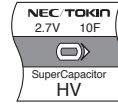


# 6.9 HV Series (High capacitance Type)

## Dimensions



## Markings on sleeve



## Specifications

Part Number	MAX operating voltage (Vdc)	Nominal capacitance (F)	MAX ESR (at 1 kHz) (Ω)	MAX current at 30 min. (mA)	Dimension (unit:mm)						Weight (g)
					φ D	H	P	φ d	L	ΔL	
HVS0E106NF	2.7	10	100	8	10.0	35±2	5.0	0.6	15.0	5.0	4.5
HVS0E226NF	2.7	22	100	18	12.5	35±2	5.0	0.6	15.0	5.0	6.5
HVS0E506NF	2.7	50	30	40	18.0	40±5	7.5	0.8	15.0	5.0	14.0
HVS0E107NF	2.7	100	30	81	22.0	50±5	10.2	1.0	15.0	5.0	24.0

## Specifications

Item	Specifications	Test conditions (conforming to JIS C 5160-2)
Category temperature range	-25°C to +60°C (50F, 100F), -25°C to +70°C (10F, 22F),	
MAX operating voltage	2.7Vdc	
Capacitance	10F, 22F, 50F, 100F	Refer to "Measurement Conditions"
Capacitance allowance	±30 %	Refer to "Measurement Conditions"
ESR	Refer to standard ratings	Measured at 1kHz, 10mA ; See also "Measurement Conditions"
Current (30-minutes value)	Refer to standard ratings	Refer to "Measurement Conditions"
Characteristics in different temperature	Capacitance	Conforms to 4.13 Phase2 : Category MIN temp. Phase4 : Category MAX temp. Phase5 : 25°C
	ESR	
	Capacitance	
	ESR	
	Current (30 minutes value)	
	Current (30 minutes value)	
Lead strength (tensile)	No terminal damage	Conforms to 4.5
Vibration resistance	Capacitance	Satisfy initial ratings
	ESR	
	Current (30 minutes value)	
	Appearance	
Solderability	Over 3/4 of the terminal should be covered by the new solder	Conforms to 4.7 Solder temp : 245±5°C Dipping time : 5±0.5 sec. 1.6mm from the bottom should be dipped.
Solder heat resistance	Capacitance	Satisfy initial ratings
	ESR	
	Current (30 minutes value)	
	Appearance	
Temperature cycle	Capacitance	Satisfy initial ratings
	ESR	
	Current (30 minutes value)	
	Appearance	
High temp. and high humidity resistance	Capacitance	Within ±20% of initial value
	ESR	
	Current (30 minutes value)	
	Appearance	
High temperature load	Capacitance	Within ±30% of initial value
	ESR	
	Current (30 minutes value)	
	Appearance	



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.