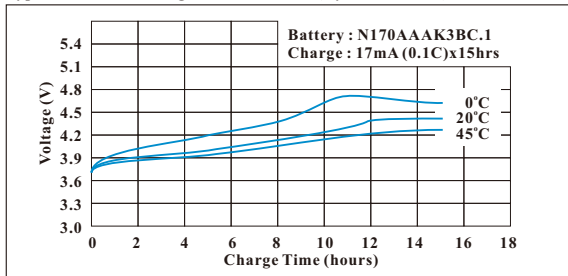


# NICD RECHARGEABLE CYLINDRICAL BATTERY

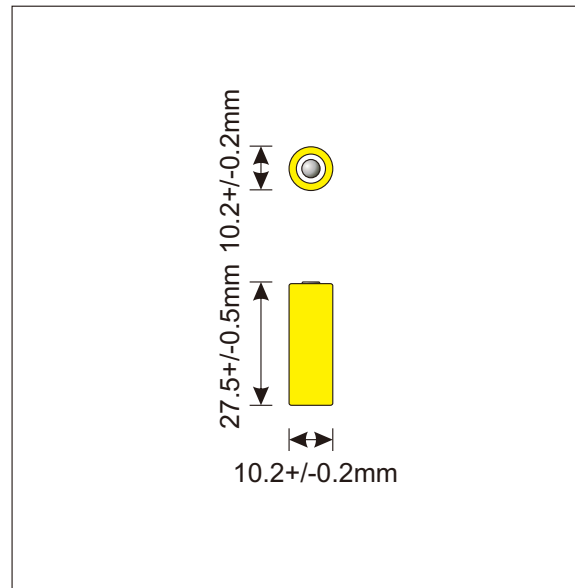
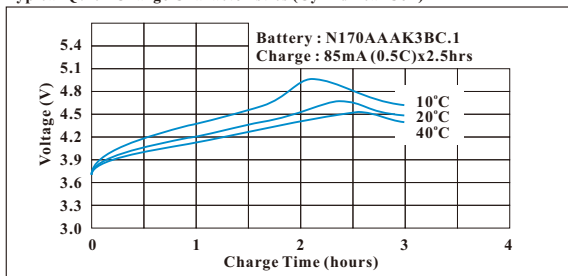
## SPECIFICATIONS

Model	:	N170AAAK3BC.1
Description	:	NiCd rechargeable battery, '2/3AAA' size
Nominal Capacity	:	170 mAh at 34mA rate discharge (3 cycles allowed)
Nominal Voltage	:	3.6 Volt (After charge)
Cut-Off Voltage	:	3.0 Volt
End of Charge Voltage	:	$\leq 4.8$ Volt
End of Discharge Voltage	:	$\geq 2.7$ Volt
Weight	:	18 gram
Life Duration	:	$\geq 500$ cycles (Comply to IEC 61951-1 Ed. 2.1 2006)
Charge	:	Trickle - 5.1-8.5 mA Standard - 17 mA x 14 hours Quick - 85 mA x 2.5 hours (with cut-off control)
Temperature Environment	:	Standard charge - 0 degC to 45 degC Quick charge - 10 degC to 40 degC Discharge - -20 degC to 60 degC Storage - -20 degC to 40 degC
Trickle Charge	:	5.1mA for 28 days, no leakage, no explosion
Charge Retention	:	$>60\%$ for 28 days storage after standard charge
Leakage	:	No leakage, No explosion under standard operating condition
Vibration	:	Battery remain normal after vibration at Amp: 4mm; Freq.: 1000/min for 60 min.
Shock	:	Battery remain normal after dropping from 450mm to an Oak board for 3 times

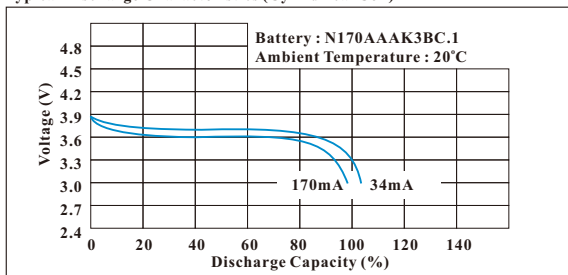
Typical Standard Charge Characteristics (Cylindrical Cell)



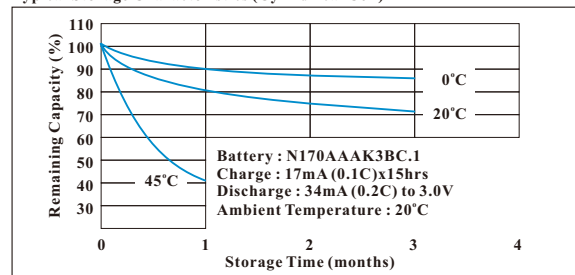
Typical Quick Charge Characteristics (Cylindrical Cell)



Typical Discharge Characteristics (Cylindrical Cell)



Typical Storage Characteristics (Cylindrical Cell)



Information is for references only.

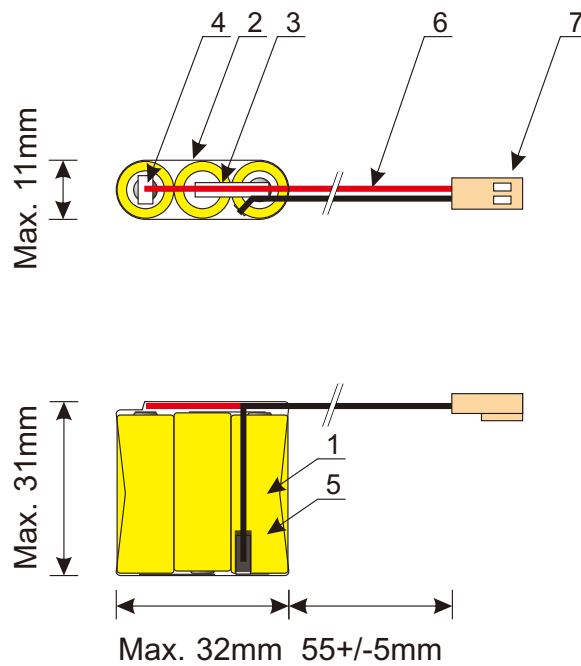
Model : N170AAAK3BC.1  
Version : 2.40

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# NICD RECHARGEABLE CYLINDRICAL BATTERY

## DRAWING



Item	Details	Qty
7	Equiv. HS2542-2P connector	2
6	UL1007 AWG#24 B/R Wires	2
5	Shrink Tube	1
4	Soldering Tags (0.13mm)	2
3	Connecting Tags (0.13mm)	2
2	Yellow PVC Shrink	1
1	NiCd 2/3AAA 170mAh Battery	3
Item	Details	Qty

Ink Jet Printing:

KINETIC (Lot:YYMM)  
N170AAAK3BC.1  
NiCd 3.6V 170mAh



Information is for references only.

Model : N170AAAK3BC.1  
Version : 2.40

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