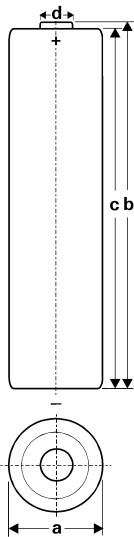


### Data Sheet

<b>Type Number:</b>	55140	
<b>System:</b>	Nickel Metal Hydride/ KOH Electrolyte	
<b>Nominal Voltage [V]:</b>	1.2	
<b>Nominal Capacity C [mAh]:</b>	3600	
<b>Typical Capacity C [mAh]:</b> at 800mA / 1.00V	4000	
<b>Weight, approx. [g]</b>	55.0	
<b>Dimensions [mm]:</b>	<b>min.</b>	<b>max.</b>
<b>Diameter [a]:</b>	16.0	17.0
<b>Height [b]:</b>	65.5	67.5
<b>Shoulder Height [c]</b>	65.2	67.7
<b>Cap diameter [d]</b>	7.5	8.5
<b>Temperature Ranges [°C]</b>	<b>min.</b>	<b>max.</b>
<b>Storage:</b> less than 30 days	-20	50
less than 90 days	-20	40
less than 1 year	-20	30
<b>Discharge:</b>	-20	60
<b>Charge:</b>	0	45
<b>Charging Method:</b>		
<b>Normal Charging:</b>	370mA for 14 – 16h	
<b>Accelerated Charging (20°C):</b>	1100mA for 4.75h Time controlled, voltage control recommended	
<b>Fast Charging: (20°C)</b>	3000mA *	
<b>Trickle Charging:</b>	pulsed recommended	
<b>Charge Retention [%] at 20°C:</b>	min. 60%	
Capacity available after 1 month Storage at 20°C (cell was fast charged)		
<b>Impedance [mOhm]:</b>	max. 60	
at charged cells (5 cycles), 20°C, AC: 1kHz, (IEC 61951-2)		
<b>Typical Capacities [mAh]:</b>		
at 800mA / 1.00V	4000	
at 2A / 1.00V	3700	
at 4A / 1.00V	3600	
<b>Max. Discharge Current (cont.) [mA]:</b>	5000	
<b>Life Expectancy (typical):</b>		
<b>IEC Cycle:</b>	>500 Cycles	



\* (dT/ dt, -dV)

Capacities based on normal charging