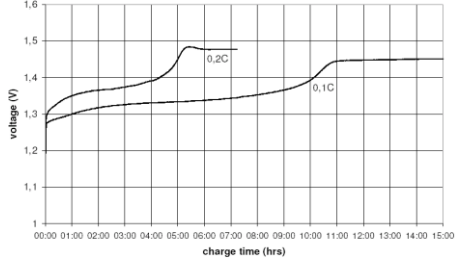
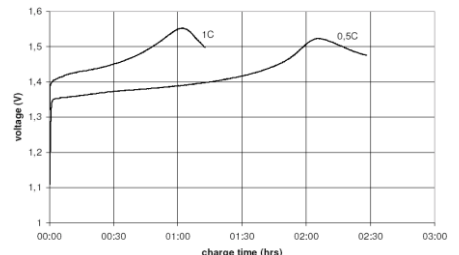
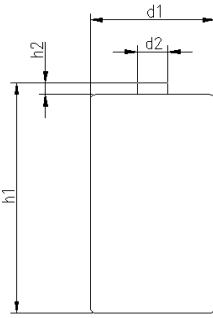


			Conditions	Diagrams
cell type:	NiMH			
cell size:	D			
nominal voltage:	1.2	V	at standard charge (0.1C / 20°C)	standard charge 
max. charge voltage:	1.5	V		
capacity				
nominal:	5000	mAh	discharge at 0.2C	fast charge 
minimum:	5000 4500	mAh mAh	discharge at 0.2C discharge at 1C	
			1.0V end discharge voltage ta: 20°C	
max. continuous discharge current:	10000	mA	ta: 0...45°C	
charge	current	time		
standard charge:	500	mA	14...16hrs	
quick charge:	1500	mA	4hrs	
fast charge:	2500	mA	2.3hrs	
recommended charge	0...5	mV	- ΔV (-deltaV)	
termination control	0.8...1	°C	temperature rise per minute	
parameters:	45...50	°C	TCO (temperature cut off)	
trickle charge current:	25...125	mA	(recommended)	
continuous overcharge: (less than 1 year)	≤ 500	mA	no conspicuous deformation no leakage	
internal resistance: (impedance)	≤ 10	mΩ	at 1KHz battery fully charged	
life expectancy:	≥ 500	cycles	acc. IEC standard	
self discharge				
charge retention:	≥ 70	%	after 12 months storage at 20°C	
initial capacity:	≥ 3500	mAh	within 30 days after delivery discharge at 0.2C	
ambient temperature range:	0...45 °C 10...40 °C - 20...65 °C - 20...50 °C - 20...40 °C - 20...30 °C		standard charge fast charge discharge storage (≤3months) storage (≤6months) storage (≤24months)	
QCT1:	20/4750/12			
QCT2:	30/4500/12			
mechanical specifications				
cell dimensions				
diameter d1:	32.8 - 1.0	mm		
diameter d2:	max. 9.5	mm		
height h1:	61.5 - 2.0	mm		
height h2:	min. 1.5	mm		
weight:	110 ± 5	g		
				

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ANSMANN Specifications for model:

data sheet no. / part no.

supplier no.

author / date

**D - 5000mAh low self discharge
bulk package**

5030921

701372

TG / 09.12.2015