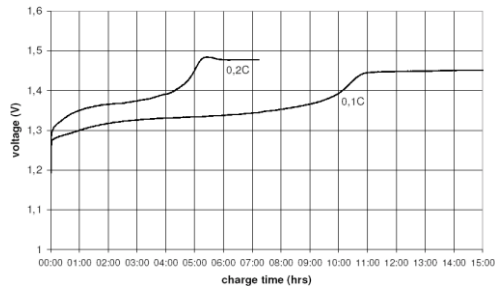
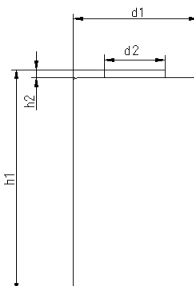


			Conditions	Diagrams	
cell type:			NiMH		
cell size:			Sub-C		
nominal voltage:	1.2	V	at standard charge (0.1C / 20°C)		
max. charge voltage:	1.5	V			
capacity					
nominal:	3000	mAh	discharge at 0.2C		
minimum:	2850	mAh	discharge at 0.2C		
	2600	mAh	discharge at 1C		
			1.0V end discharge voltage		
			ta: 20°C		
max. continuous discharge current:	15	A	ta: 0...45°C		
max. peak current:	30	A			
charge	current	time			
standard charge:	300 mA	14...16hrs			
quick charge:	850 mA	4hrs			
fast charge:	3000 mA	1.1hrs			
recommended charge termination control parameters:	0...5 mV	- delta V			
	0.8...1 °C	temperature rise per minute			
	45...50 °C	TCO (temperature cut off)			
trickle charge current:	30...150 mA	(recommended)			
continuous overcharge: (less than 1 year)	≤ 300 mA	no conspicuous deformation no leakage			
internal resistance: (impedance)	≤ 6 mΩ	at 1KHz battery fully charged			
life expectance:	≥ 500 cycles	acc. IEC standard			
self discharge					
charge retention:	≥ 80 %	after 6 months storage			
(at ≤ 20°C ambient)	≥ 75 %	after 12 months storage			
initial capacity:	≥ 2100 mAh	within 30 days after delivery discharge at 0.2C			
ambient temperature range:	0...45 °C	standard charge			
	10...40 °C	fast charge			
	- 20...55 °C	discharge			
	- 20...55 °C	storage (≤1months)			
	- 20...45 °C	storage (≤3months)			
	- 20...35 °C	storage (≤12months)			
QCT1:	20/2700/6		tags material: Fe, Nickel plated length: 28mm width: 8mm thickness: min. 0.2mm		
QCT2:	30/2550/8				
mechanical specifications					
cell dimensions (incl. label)					
diameter d1:	22.5	- 1.0 mm			
diameter d2:	10.0	± 1.0 mm			
height h1:	43.0	- 1.0 mm			
height h2:	min. 0.3	mm			
weight:	55	± 5 g			

	ANSMANN Specifications for model:	SubC - 3000mAh low self discharge with tags (Z-form) bulk package
	data sheet no. / part no.	5035391
	supplier no.	701344
	author / date	TG / 10.02.2014