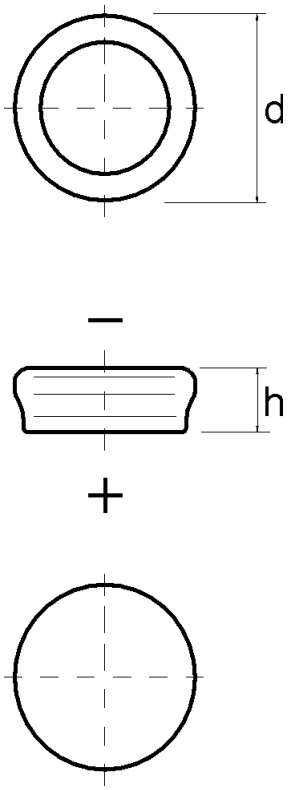
280HT

Rechargeable Ni-MH Button With High Temperature

Data Sheet



System:	Nickel Metal Hydride/ KOH Electrolyte	
Nominal Voltage [V]:	1.2	
Typical Capacity C [mAh]:	330	
at 66 mA/1.0 V		
Weight,approx,[g]	13.3	
Dimensions [mm]:	**min.**	**max.**
Diameter [d]:	25.0	25.4
Height [h]:	8.3	8.7
Temperature Ranges [℃]	**min.**	**max.**
Storage: less than 30 days	-40	80
less than 90 days	-40	65
less than 1 year	-40	50
Discharge:	-20	80
Charge:	0	80
Charging Method:		
Typical Charging:	33mA for 14-16 h	
Accelerated Charging (20℃):	66 mA for 7 h	
Fast Charging:	165 mA for 3 h*	
Time controlled,voltage control recommended		
Trickle Charging:	9.9 mA	
Overcharge (20℃):	33 mA continuous	
Charge Retention [%] at 20℃:	90	
Capacity available after 1 month Storage at 20℃		
Life Expectancy (typical):		
IEC Cycle:	500 Cycles	
Trickle Charge:	up to 5 years (20℃)	

Destructive Test:

1.Charge at 66mA at 85℃ for 7 days

2.Discharge at 66mA at 20℃ to 1.0 V

3.Charge at 33mA at 20℃ for 15 h

4.Discharge at 66mA at 20℃ to 1.0 V

Repeat 1-4 for 6 cycles. Capacity more than 60%

* for fully discharged cells, 20℃

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