

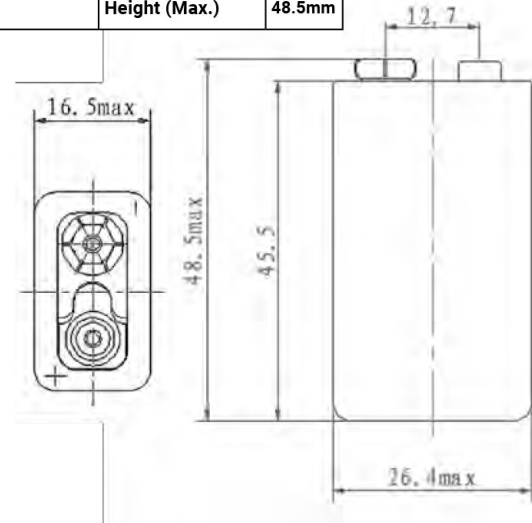
Nickel Metal Hydride Battery

■ SPECIFICATIONS

Type Designation	HR7F22
Chemical System	Ni/KOH-H ₂ O/MH
Nominal Voltage	8.4V
Approx. Weight (g)	40.0
Dimensions (mm)	Width (Max): 26.4 Thickness (Max): 16.5 Height (Max): 48.5
Nominal Capacity	200mAh Discharged at 0.2C, 24h/d, 20±5°C, e.v.=1.0V
Standard Charge	20mA X 16hrs
Operating Temperature	Charge: 0°C ~ 45°C Discharge: -10°C ~ 45°C
Recommended Storage Temp.	0°C ~ 25°C
Packaging materials comply with EU's directive on packaging materials and waste. (94/62/EC)	



Dimensions	Width (Max.)	26.4mm
	Thickness (Max.)	16.5mm
	Height (Max.)	48.5mm



■ WARNINGS

- Should be charged prior to use
- Use the correct charger for Ni-MH batteries
- Do not reverse charge
- Do not subject to adverse conditions such as extreme temperature, deep cycling and excessive over charge/over discharge

■ PERFORMANCE

Test	Unit	Specification	Condition	Remarks
Open Circuit Voltage (OCV)	V	≥ 8.75	Within 1hr after standard charge	
SERVICE PERFORMANCE				
Standarge Discharge (0.2C ₅)	minute	≥ 300	Standard Charge, 1hr rest before discharge	Up to 3 cycles are allowed. The test shall be terminated at the end of the first cycle which meets the requirement.
High Rate Discharge (1C ₅)	minute	≥ 48	Standard Charge, 1hr rest before discharge	
Charge Retention	mAh	≥ 120 (60%C ₅)	Standard Charge Storage 6 months at 20°C. Standard discharge.	
IEC Cycles Test	Cycle	≥ 500	IEC 61951-2	