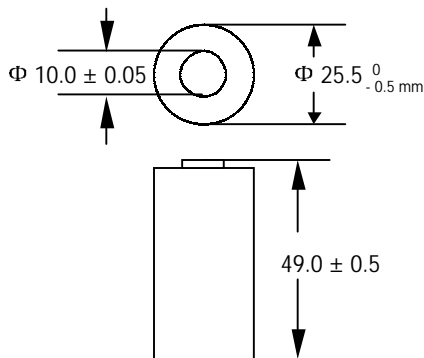


Data Sheet for T-C2500HT

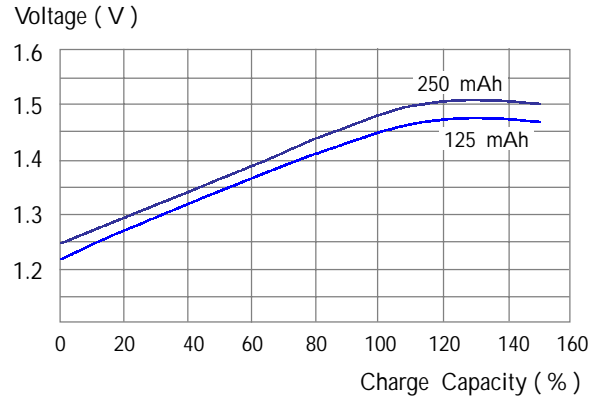
Specifications

Type :	Rechargeable Nickel Cadmium High Temperature Cell
Model (P/N) :	T-C2500HT
Nominal Dimension : (with sleeve)	$\Phi = 25.5^{+0}_{-0.5}$ mm H = 49.0 ± 0.5 mm
Applications :	Recommended discharge current 250 to 2500 mA
Nominal Voltage :	1.2V
Nominal Capacity :	2500 mAh when discharge at 500 mA to 1.0 V at 20°C
Standard Charge :	125 mA for 48 hrs at 20°C
Fast Charge :	250 mA (0.1C) with charge termination control Recommended control parameters Timer: 140 % nominal input
Service Life :	> 500 cycles
Continuous Overcharge :	125 mA maximum permissible current No conspicuous deformation and / or leakage
Weight :	78 g
Internal Resistance :	Max 15 m $\Omega$ at 1000 Hz measured within 1 hour after standard charge
Max. Charging Voltage :	1.5 V at 125 mA charging
Ambient Temperature : Range	Standard Charge : 0°C to 45°C Fast Charge : 10°C to 45°C Discharge : -20°C to 65°C Storage : -20°C to 45°C

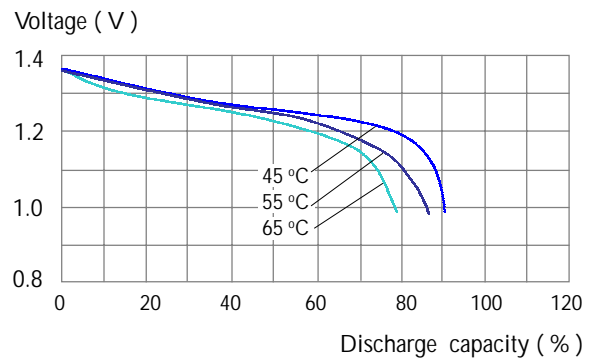


Characteristics

Charge Curves ( 20 °C )



Discharge Curves ( 400 mA )



Charge/Discharge Efficiency vs. Temperature

Available Capacity (%)

