

DESCRIPTION

MS (Manganese Silicon) lithium rechargeable batteries, developed by SII, use silicon oxide as the anode and a lithium manganese composite oxide as the cathode. As a result, they offer long cycle life and highly stable overdischarge characteristics.

Applications: backup power for real time clock, or memory, eg: digital camera, action camera, GPS equipment, event data recorder, handy terminal, PC, smartphone.

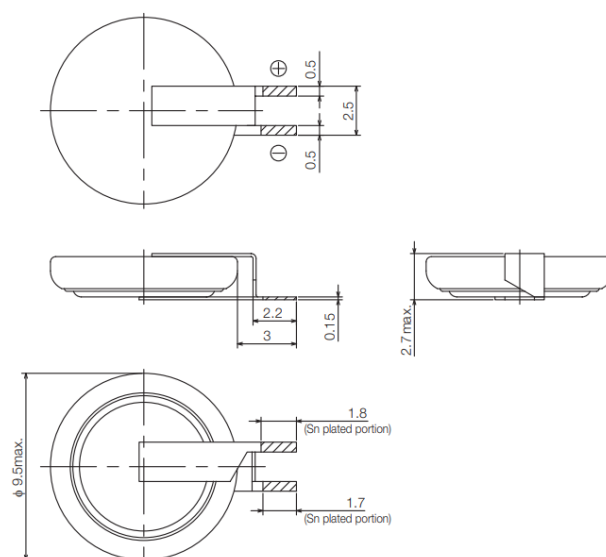
SPECIFICATIONS

Type	MS920SE-FL27E
Nominal Voltage (V)	3
Charge Voltage (Standard Charge Voltage)(V)	2.8 to 3.3 (3.1)
Nominal Capacity (mAh)	11.0
Internal Impedance (Ω)	35
Standard Discharge Current (mA)	0.050
Maximum Discharge Current (Continuous) (mA)	0.80
Cycle Life (Time) 100% D.O.D (Depth of Discharge)	100
Cycle Life (Time) 20% D.O.D (Depth of Discharge)	1000
Size Diameter (mm)	9.5
Size Height (mm)	2.1
Weight (g)	0.47
Operating temperature range	-20°C to +60°C

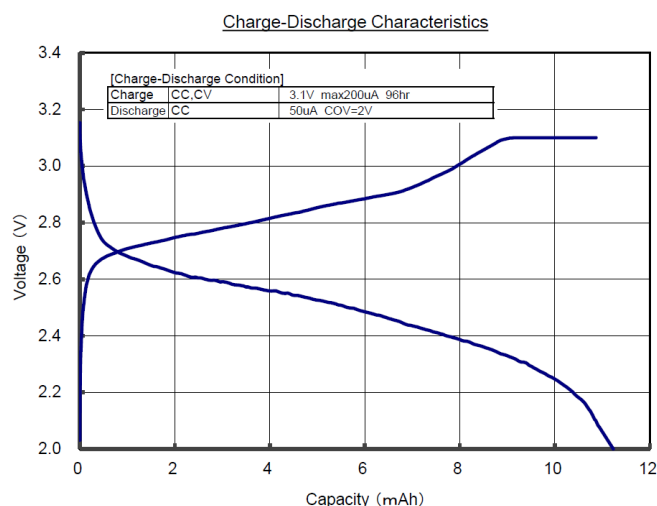
IMAGE



DIAGRAM



CHARACTERISTICS



CAUTION

MS Lithium Rechargeable Batteries are not reflowable.
Please mount them on PCB by hand soldering.