**THM LOW PROFILE LITHIUM & ALKALINE CELL HOLDERS**

**FEATURES**
- Snap-in PC contact holds firmly in position for wave soldering
- Tin Nickle Plated contacts for excellent solderability and durability
- Polarity clearly marked for orientation
- Snap-on retainer cover (optional) retains battery securely to withstand shock and vibration. Helps protect against shorting. Tamper—proof.

**APPLICATIONS**
- Computer memory, power backup systems.
- Telecommunications
- Residential, industrial and commercial security systems
- PLC and industrial controls

**SPECIFICATIONS**
- Base/Retainer Cover: PBT, UL 94V-0
- Contacts: .012 (.30) Stainless Steel, Tin-Nickel Plate
- Operating Temp Range: -60°F to +290°F (-50°C to +145°C)

**CAT. NO.** | **COVER** | **L** | **W** | **A** | **B (MAX)** | **F** | **G** | **CELL SIZE** | **BATTERY CROSS REFERENCE**
---|---|---|---|---|---|---|---|---|---
108 | 108C | 1.160 (29.5) | .840 (16.3) | .833 (16.1) | 1.030 (26.2) | .160 (15.5) | .270 (7.1) | “1/2 AA” “CR12”
1028 | 1024C 1028C | 2.180 (54.9) | .840 (16.3) | .833 (16.1) | 2.040 (51.8) | .260 (59.9) | .110 (40.9) | “AA”
1029 | 1029C | 1.500 (38.1) | .720 (18.3) | .712 (18.1) | 1.700 (43.2) | .950 (24.1) | .320 (8.1) | “2/3 A”

**THM ULTRA LOW PROFILE**

**SPECIFICATIONS**
- Base: High Temp Nylon 46, — UL 94V-0
- Contacts: .012 (.30) Phosphor Bronze, Tin-Nickel Plate
- Operating Temp Range: -60°F to +290°F (-50°C to +145°C)

**CAT. NO.** | **COVER** | **L** | **W** | **A** | **B (MAX)** | **F** | **G** | **CELL SIZE** | **BATTERY CROSS REFERENCE**
---|---|---|---|---|---|---|---|---|---
1015 | 1024C | 2.145 (54.5) | .672 (17.0) | .603 (15.3) | 2.040 (51.8) | 2.359 (59.9) | .265 (8.7) | “AA”
1013 | 1012C | 2.145 (54.5) | 1.760 (44.7) | .803 (20.3) | 2.040 (51.8) | 2.359 (59.9) | .360 (9.6) | “AA”
1021 | 1028C | 1.833 (46.6) | .500 (12.7) | .445 (11.3) | 1.940 (49.4) | 2.140 (54.4) | .325 (8.6) | “AA”
1023 | 1022C | 2.163 (54.9) | .875 (22.2) | .445 (11.3) | 2.140 (54.4) | .430 (10.9) | .385 (9.8) | “AA”
1019 | 1018C | 1.487 (37.8) | .720 (18.3) | .682 (17.3) | 1.365 (34.9) | 1.830 (46.0) | .319 (8.1) | “2/3 A”
1017 | 1024C | 1.165 (29.5) | .672 (17.0) | .603 (15.3) | 1.030 (26.2) | 1.360 (34.5) | .265 (8.7) | “1/2 AA”
503 | — | 1.140 (29.0) | .500 (12.7) | .500 (12.7) | 1.030 (26.2) | 1.360 (34.5) | .265 (8.7) | “1/2 A”

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