SMT LOW PROFILE LITHIUM-ION & ALKALINE CELL HOLDERS

"1/3N" · "AAA" · "1/2AA" · "AA" · " 2/3A"

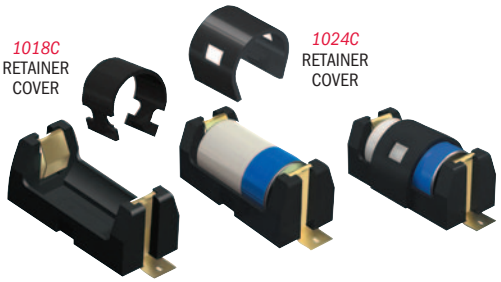
FEATURES

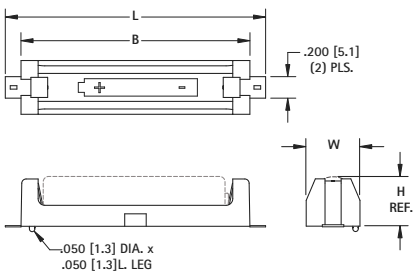
- Low profile surface mount holders for Cylindrical Lithium and Alkaline batteries
- UL 94V-0 Heat resistant Nylon Housings well suited for reflow soldering
- Designed for vacuum pick and place assembly
- Gold-plated Phosphor Bronze contacts assure low contact resistance and are readily solderable
- Ideal for both lead free solder and traditional solder process
- Battery installation and removal does not require tools
- Securely holds battery in place
- Polarity clearly marked for orientation
- Operating temp range: -60°F to +293°F (-50°C to +145°C)

APPLICATIONS

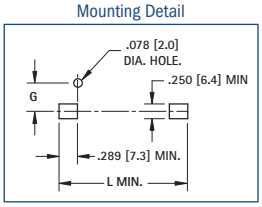
- Computer memory, power backup systems
- Telecommunications
- Residential, industrial and commercial security systems
- PLC and industrial controls

SMT ULTRA LOW PROFILE





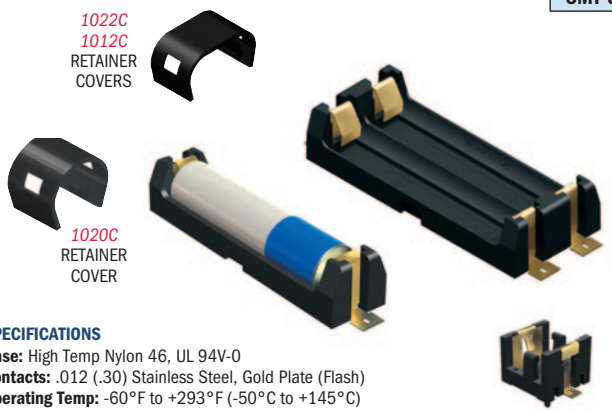
Mounting Detail



SPECIFICATIONS
Base: High Temp Nylon 46, UL 94V-0
Contacts: .012 (.30) Stainless Steel, Gold Plate (Flash)

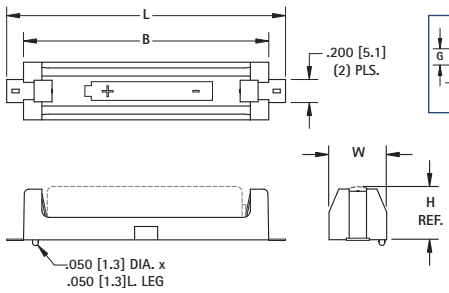
CAT. NO.	COVER	L	W	H (REF)	B	G	CELL SIZE	PACKAGING SPECS	BATTERY CROSS REFERENCE
1016	1024C	1.723 (43.8)	.612 (15.5)	.603 (15.3)	1.360 (34.5)	.265 (6.7)	"1/2AA"	50 pieces per tray	**Energizer** 544, **Duracell** PX28L, **Kodak** K28A & KS28, **Panasonic** CR14250, **Saft** LCP3, **Maxell**
1024	1024C	2.711 (68.9)	.612 (15.5)	.603 (15.3)	2.359 (59.9)	.265 (6.7)	"AA"	50 pieces per tray	**Energizer, Duracell, Panasonic, Sanyo, Varta, Rayovac, Tadiran,**
1018	1018C	2.062 (52.3)	.720 (18.3)	.682 (17.3)	1.690 (42.9)	.319 (8.1)	"2/3A"	50 pieces per tray	**Duracell** DL2/3A, **Kodak** K123L, **Saft** 450SC & VR0450, **Sanyo** CR17335SE

SMT ULTRA LOW PROFILE

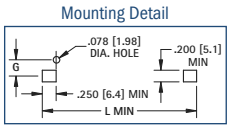


SPECIFICATIONS
Base: High Temp Nylon 46, UL 94V-0
Contacts: .012 (.30) Stainless Steel, Gold Plate (Flash)
Operating Temp: -60°F to +293°F (-50°C to +145°C)
Packaging Spec's: Supplied in trays

SINGLE

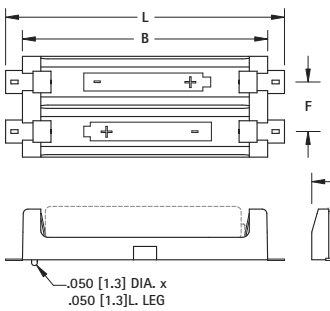


Mounting Detail



DWG 1

DUAL



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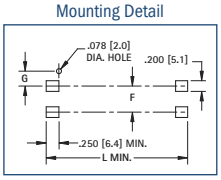
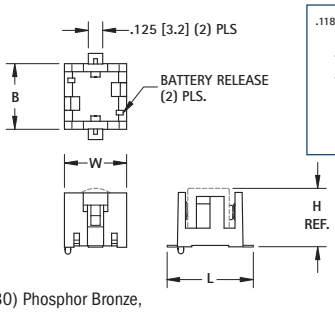
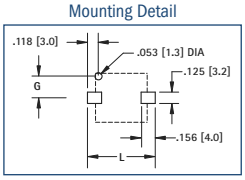


DWG 2

"1/3N"



Mounting Detail



Contacts: .012 (.30) Phosphor Bronze, Gold Plate (Flash)

DWG 3

CAT. NO.	COVER	DWG NO.	L	W	H (REF)	B	F	G	CELL SIZE	PACKAGING SPECS	BATTERY CROSS REFERENCE
1020	1020C	1	2.421 (61.5)	.500 (12.7)	.445 (11.3)	2.140 (54.4)	–	.209 (5.3)	"AAA"	50 pieces per tray	**All Major Manufacturers**
1022	1022C	2	2.421 (61.5)	.875 (22.2)	.445 (11.3)	2.140 (54.4)	.430 (10.9)	.182 (4.6)	"AAA"	25 pieces per tray	
1024	1024C	1	2.711 (68.9)	.612 (15.5)	.603 (15.3)	2.359 (59.9)	–	.265 (6.7)	"AA"	50 pieces per tray	**All Major Manufacturers**
1012	1012C	2	2.711 (68.9)	1.180 (30.0)	.603 (15.3)	2.359 (59.9)	.568 (14.4)	.265 (6.7)	"AA"	25 pieces per tray	
1018	1018C	1	2.062 (52.3)	.720 (18.3)	.682 (17.3)	1.690 (42.9)	–	.319 (8.1)	"2/3A"	50 pieces per tray	**Duracell DL2/3A, Kodak K123L, Saft 450SC & VR0450**
1100	—	2	2.062 (52.3)	1.440 (36.6)	.682 (17.3)	1.690 (42.9)	.720 (18.3)	.319 (8.1)	"2/3A"	25 pieces per tray	**Sanyo CR17335SE**
498	—	3	.748 (19.0)	.540 (13.7)	.506 (12.9)	.570 (14.5)	–	.240 (6.1)	"1/3N"	300 pieces per tray	**Duracell DL1/3N, Sanyo K58L, Energizer CR1/3N**