Press Release

AA battery contact with SMD leads, P/N: BK-57.

MPD is pleased to introduce its new part number “BK-57”, a surface mounting AA battery contact. Normally used in pairs, these clips have a great price/performance combination for adding a AA battery to a pcb. The pair of contacts use pressure to connect with one AA battery, and multiples of contacts can make a series or parallel circuit through the pcb for groups of batteries. These contacts make it very easy to insert and remove a AA battery because of the excellent access afforded.

P/N: BK-57 battery clips have twin SMD leads that solder to a pcb for added reliability. Each SMD lead has a solder hole that contributes to the solder wicking up onto the AA battery contact for additional joint strength.

Phosphor bronze is the base metal, which is stronger than brass, with better spring properties. Phos-Bronze is extremely well known for its durability, strength, low coefficient friction, fair electrical conductivity, low thermal conductivity and is commonly used as non-ferrous spring alloy.

AA battery cases use steel as their base metal and nickel plated caps. Using similar materials helps prevent corrosion at the point of contact and good wear resistance.

AA battery cells offer 1.5 volts output and between 1600-2500 mAh of energy.
Some last 5-7 years in storage, and specific cell designs offer 10 year shelf life.
Domestic AA battery part numbers include, Duracell MN1500, Eveready E91 (EN91), Rayovac 815, IEC LR6 and ANSI 15A.
Popular international part numbers include Panasonic LR6, FDK LR6 and Sony AM3.



MPD
MEMORY PROTECTION DEVICES, INC. 200 BROAD HOLLOW ROAD, FARMINGDALE, NY 11735-4814
WEBSITE: memoryprotectiondevices.com TEL: 631-249-0001 FAX: 631-249-0002