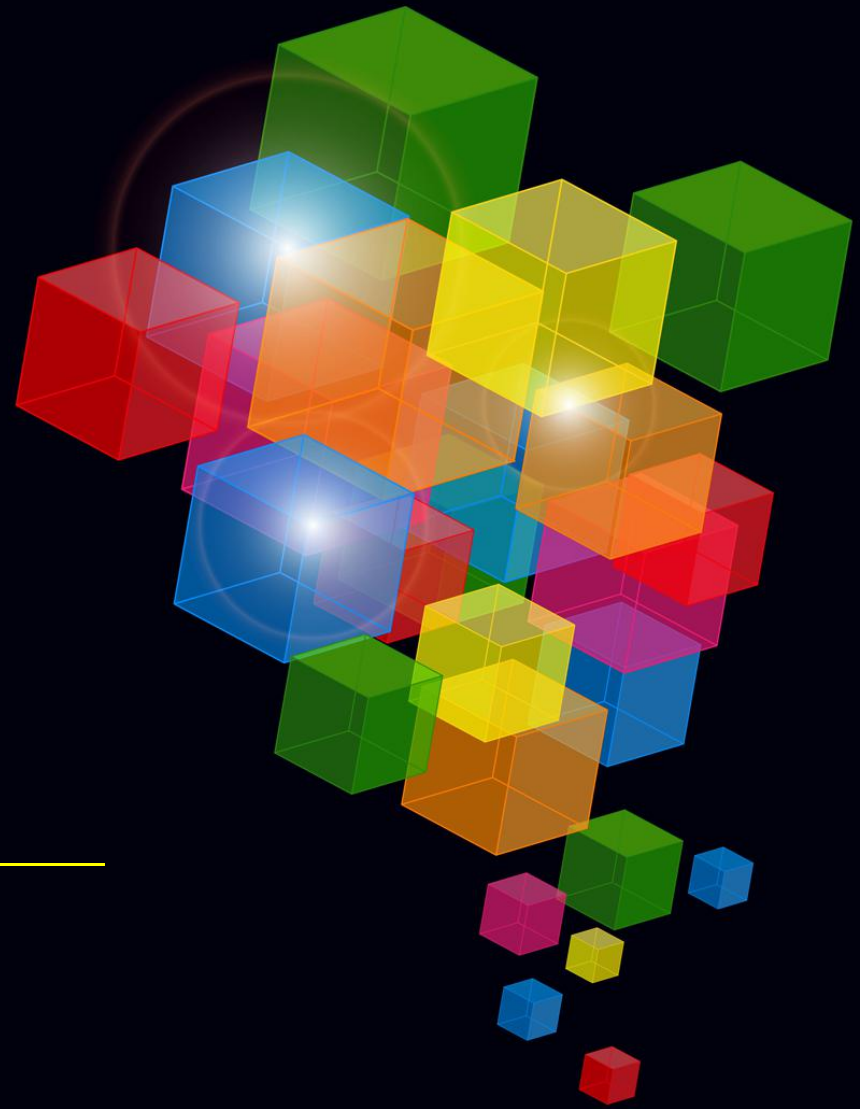
MDSdisplays.com



# COB Technology

COB (Chips on Board)

# SMD PROBLEM NOW ALSO FOR MINI PIXEL

**EX: P1.25mm  0.64MILLION/M²**

**100PPM:  WILL BE**

**64 LED LAMP Dead**

**PPM: Pixel Dead Per M2**

**Like the Right Side Picture**

# SMD PROBLEM NOW ALSO FOR MINI PIXEL

**P1.25mm  0.64MILLION/M²**

**50PPM:  WILL BE**

**32 LED LAMPS DEAD**

PPM: Pixel Dead Per M2

**Like the Right Side Picture**

# SMD SMALL PIXEL PROTECTION PROBLEM

- The lamp bead pad is too fragile, and the bumps in handling, installation and use can easily damage the lamp bead;
- The slender mask is easily deformed by the influence of thermal expansion and contraction during long-term use;

# SMD SMALL PIXEL PROTECTION PROBLEM

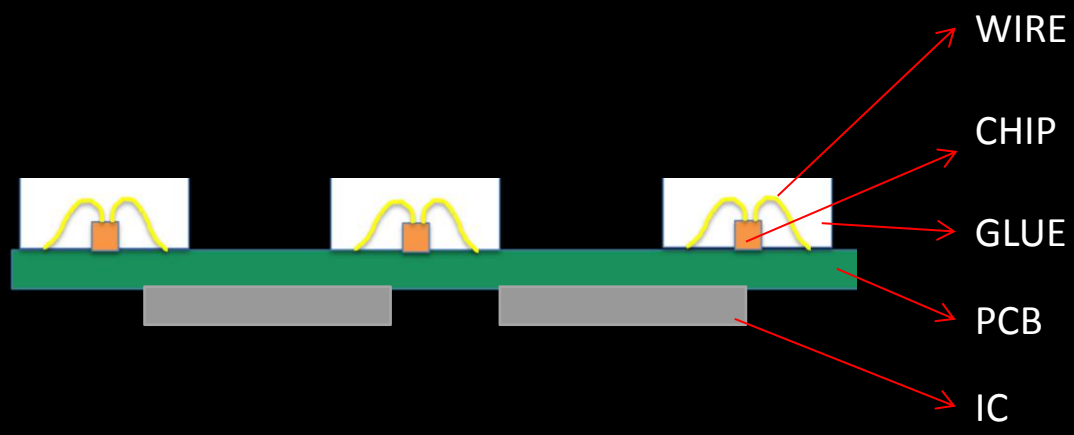
- Dust that penetrates into the mask and lamp gap during long-term use cannot be cleaned;
- When the human body touches the screen in a dry environment, the influence of static electricity can easily lead to the breakdown of the lamp beads.

# SMALL SMD PIXEL LIMITATIONS

- Limitation of spacing size
- Bottleneck in cost price space
- Reliability and stability bottleneck
- Fragile hardware protection bottleneck

# ADVATAGE OF COB

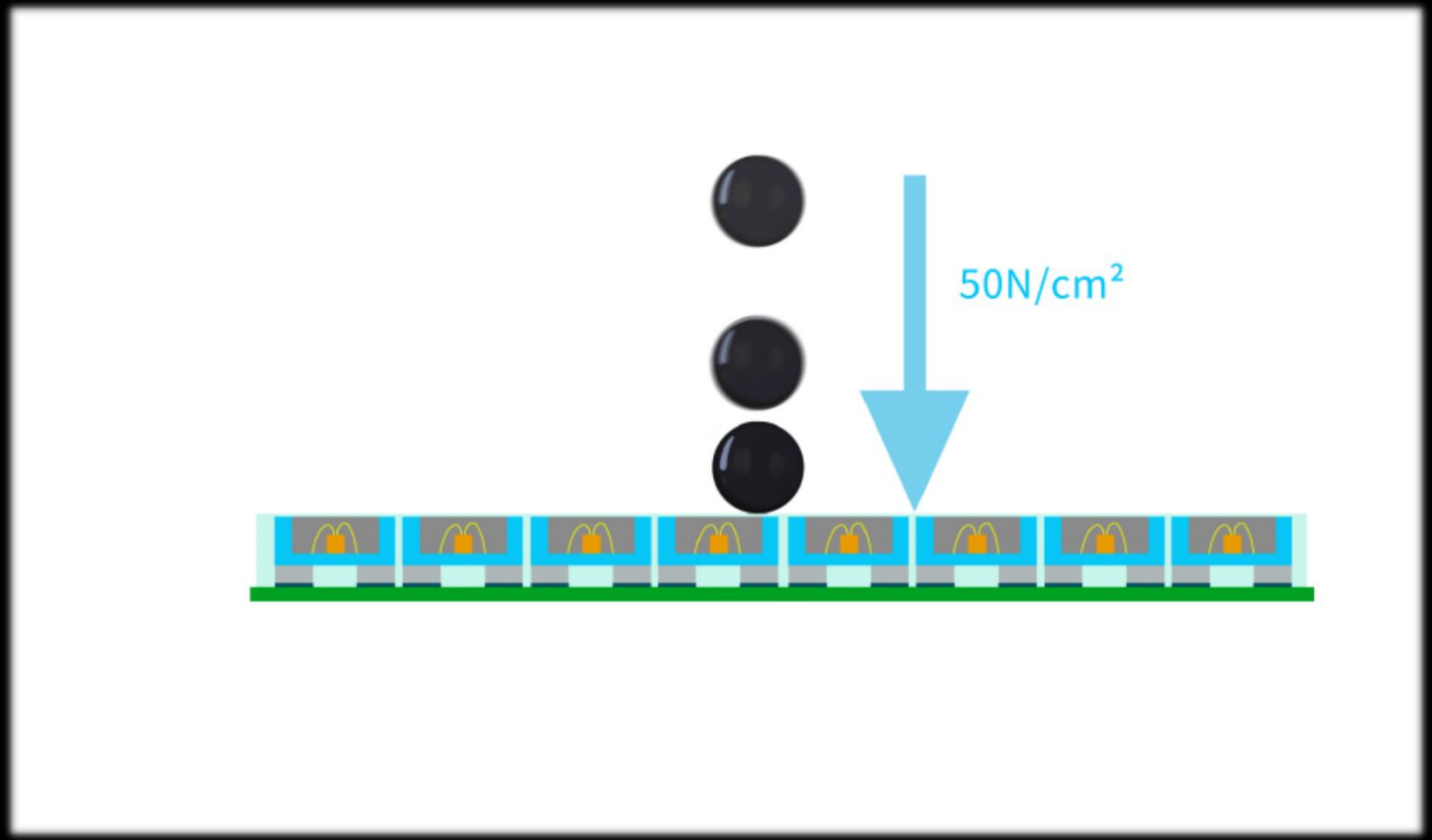
- **SUPER STABLE**



# ADVATAGE OF COB

- **SUPER PROTECTED**

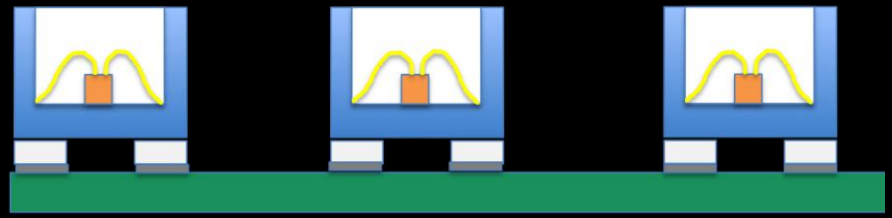
# Impact resistance up to 50N / CM2



# ADVATAGE OF COB

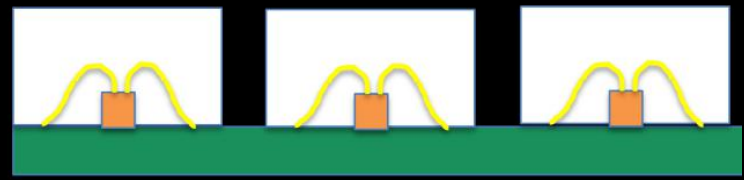
- **SUPER PROTECTED**

NOT WATER PROOF



**SMD**

WATER PROOF



**COB**

# Easy To Clean With Wet Cloth

MDSdisplays.com

# THANK YOU !

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