

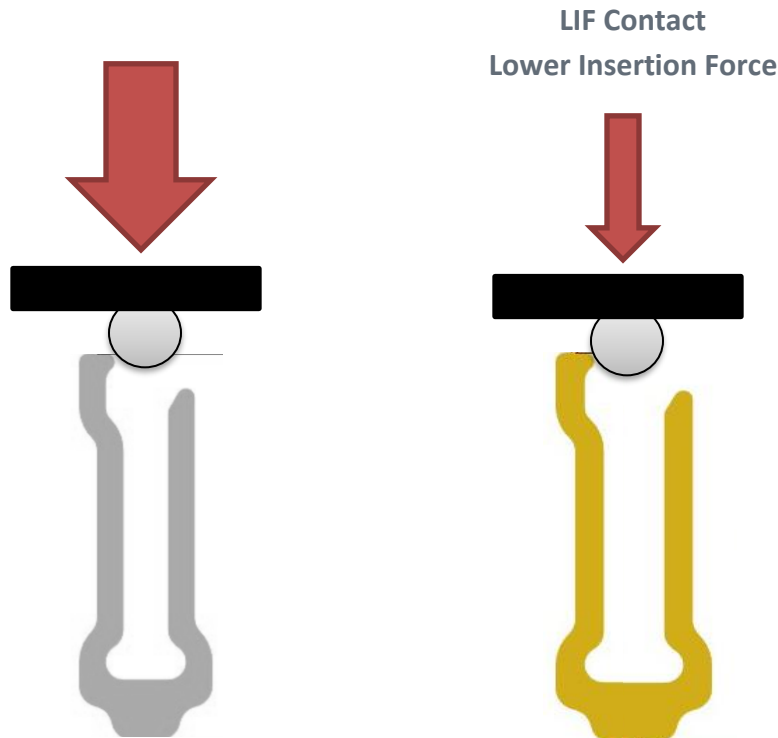


G80 Grypper - LIF (Low Insertion Force)

Lower Force G80 contact for High ball count BGA devices (300+)

G80 LIF Grypper Sockets

With High ball count BGA the Grypper is the ideal solution for Validation, Failure Analysis and Development, requiring NO lid and is the same footprint as the device



Standard G80 contact- Matte Tin Plated New LIF Contact -wider profile – Nickel-Gold Plated
Graphic not to scale - Expanded to show concept – actual width change + 0.05mm (+0.025 center to ball engagement)

The G80 LIF was designed to reduce the Insertion and Extraction Forces. These forces on very high I/O devices (300+) get quite large. The LIF contact only requires ~25 grams of force / contact to insert the device vs. 45 grams on the standard G80 contact

The reduction of force was achieved by designing a wider profile contact and a Nickel Gold finish, the result is a lower force while maintaining a low CRES