

Gii CONNECTOR DIVISION

PURPOSE-BUILT



CONSIDERATION FOR CONNECTOR OPTIMIZATION

CONTACT DESIGN

CONTACT TYPE

Press Fit Machined:
Best for low to medium volume.



Crimp and Poke Stamped:
Best for high volume.



Insert Molded Drawn:
Great alternative for high volume.



SURFACE PLATING

Gold Flash: Low cost, good option for disposables or non-sensitive connections.

Semi-Reusable Gold: Good reliability with sensitive signals.

Reusable Gold: High reliability with sensitive signals, highest cost.

Nickel: Lowest cost, great alternative to gold flash.

HOUSING DESIGN

DURABILITY

Plastic: Less durable, cost effective.

Metal: Most durable, higher cost.



Plastic

Metal

INSERTION AND WITHDRAWAL FORCES

Non-Locking: Minimal number of components, lowest cost.

Locking: Requires additional components, higher cost.



Non-Locking

Locking

Our connectors are tested to application specific and IEC requirements

THE TRUTH ABOUT PUSH PULL CONNECTORS

The invention of push-pull connectors in the late 50's and early 60's improved ergonomics and performance. A few connector companies founded over 60 years ago control much of the push-pull connector market. These connectors were patented for 20 years and at the time there was minimal competition for market share.

When the patents expired, other companies came out with their own versions of the original designs. Prices dropped with the increase of competition, but the risk of poor quality connectors increased.

It's not surprising that design engineers feel comfortable choosing a "tried and true" brand name connector option. As product lines and volumes grow, organizations face pressure of reducing cost. A significant cost driver in most

assemblies are connectors; connector savings are at the heart of cost saving strategies, but not at the expense of compromising quality.

Global Interconnect has been providing push-pull connector solutions to their customers for over 24 years. These customized solutions leverage existing tooling while introducing custom aspects in order to achieve customer goals. With the introduction of the Gii Connector Division, Global Interconnect is focusing on developing push-pull connectors with simplified designs while maintaining backwards compatibility and quality. These designs reduce the number of components, increase cost savings, and are purpose built to meet unique performance and material requirements. Thirs party industry testing will provide the confidence customers require to make the change.

ABOUT US

We're designers, engineers and manufacturers of custom cable, connector and electro-mechanical assemblies for leading medical device and high-end industrial companies all over the globe.

Headquartered in the Boston area with teams in Hong Kong and China, we're problem solvers, becoming an active extension of your in-house engineering team, optimizing product performance and incorporating cost savings. Helping you be better, faster and more profitable.



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