



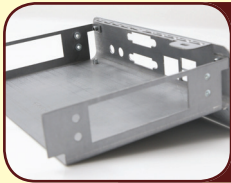
# TYREX<sup>®</sup>

## GROUP, LTD.

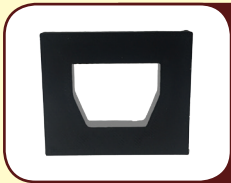
*Bright Ideas*



### OUR PROCESS ...



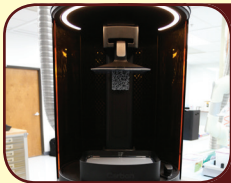
**Test  
Equipment  
Enclosure**



**Connector  
Jig Design**  
TEKREX



**Materials  
Testing**



**Additive Mfg.  
Production**



**3D Printed  
Connector  
Jig**



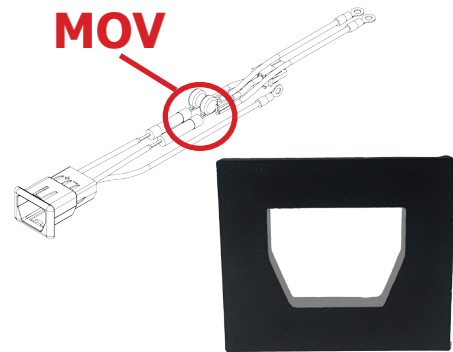
**Competitive  
Co-Market  
Positioning**

Save More!

Sell More!!

Share More!!!

### CUSTOM CONNECTOR JIG



#### CHALLENGE:

A test equipment manufacturer was having issues with cables that included a metal oxide varistor (MOV) fitting through an enclosure cutout. Without a solution they would have to rework the cables - creating a significant cost and time penalty.



#### SOLUTION:

The TekRex team 3D printed a connector "go/no go" jig, so each cable assembly could be tested for fit prior to shipping to the manufacturer. The result improved quality and eliminated \$1,700 of rework cost, and avoided a two week delay in the project through rework avoidance.

*Bright Ideas* is the TyRex Family's **New Evolutionary Technology THINKING** program designed to create "Innovative Marketing Initiatives" that will develop into **Expanding Markets** with "Competitive Co-Market Positioning" utilizing our newest tool, **3D PRINTING**. The program has enabled our family of companies to reduce time with large cost savings through quick-turn prototypes, time-efficient jigs and fixtures, and, of course, overall production cost reductions. We are excited to offer these same possibilities to you and your customers as co-marketing partners.



**DESIGN TEST PRINT**

*TyRex ... Your Additive Manufacturing Solution*

# ADDITIVE MANUFACTURING



**TYREX<sup>®</sup>**  
**GROUP, LTD.**

Family of Technology Companies

## YOUR ADDITIVE MANUFACTURING SOLUTION

By leveraging the expertise and skill of our entire technology family, TyRex has established itself as the most complete and comprehensive 3D printing (additive manufacturing) entity related to services and engineered technical support in North America.

Together we can offer unique additive manufacturing solutions that meet the specific requirements of your project and/or product, while also providing cost savings and time efficiencies to help your business prosper. To do this, our team will serve as your guide (Sherpa) on a journey from design (**TekRex**) and testing (**Austin Reliability Labs**) to production (**SabeRex**) and beyond all under one roof.

For more information or if you have any questions about our additive manufacturing solutions, please log on to [tyrexfmfg.com](http://tyrexfmfg.com) or contact TyRex Executive Vice President Martin Johnson at (512) 615-4632 or [mjohnson@tyrexfmfg.com](mailto:mjohnson@tyrexfmfg.com).



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