

# THE PERFECT FIT

CUSTOM DESIGNED & ENGINEERED SOLUTIONS



# Source



## Single Source Solutions

System Connection Inc. is a major supplier of precision manufactured cable assemblies and interconnect solutions to Original Equipment Manufacturers.

Since 1985, our sales and engineering staff has been providing customers with outstanding service and support; including technical advice, engineering drawings, responsive follow-up, and warehousing for Just-In-Time delivery.

With offices in the USA, Ireland, and Taiwan you get the best of all worlds: local service, ISO quality, and competitive pricing from manufacturing sites in Taiwan and China.



## PRODUCTS

- Molded Cable Assemblies
- Custom Cable Assemblies
- Wiring Harnesses
- Power Cords
- AC/DC Transformers
- Flat Flex (Ribbon) Cable Assemblies
- Waterproof Sensor Assemblies
- Molded/Metal Enclosures

# Design



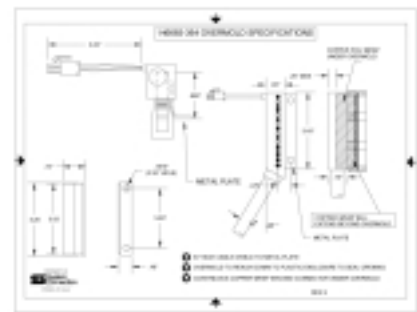
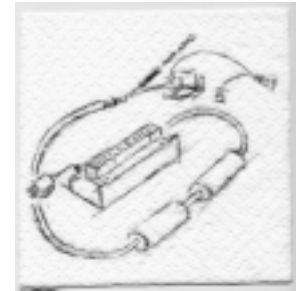
## From Concept to Reality

On a tight schedule? SCI's product design services are ready to take your concept to finished form in the shortest Time-to-Market window possible.

As your manufacturing partner, we work with you to ensure the transition from prototype to full production will be seamless and without interruption. When your product arrives, it will be labeled and packaged to your specifications reducing your receiving and handling costs.

Need standards certification? SCI's engineers are UL, CSA, and TUV testing and certification specialists. We provide our customers with comprehensive support in all phases of qualification and certification.

Our design engineers can also recommend upgrades or redesigns to your existing cable assembly to improve performance or reduce manufacturing costs.



## SERVICES

Concept Development

Design Verification

Detailed Documentation of Components, Assemblies, and Process Flows

Product Rendering in Autocad or Pro/Engineer

Rapid Prototyping

Label and Packaging Design

UL, FCC, and CE Regulatory Testing and Certification

# Quality



## The Quality's Built In

SCI's total quality commitment ensures customers receive world-class quality products and services from ISO 9001 certified manufacturing facilities.

Our total quality process begins with identification of raw components for complete traceability and continues through to 100% final inspection of every product.

Molded cable assemblies pass through a minimum 3-point continuity inspection process. High-speed assemblies can be certified using sophisticated eye-pattern test routines or hi-pot test procedures.

Our commitment to total quality is your guarantee that each and every assembly will deliver the same superior Zero Defect performance that OEM customers the world over have come to expect from SCI.



## APPLICATIONS

- Appliances
- Consumer Electronics
- Data Communications
- Fitness & Sport
- Instrumentation
- Medical/Laboratory
- Process Equipment
- Transportation/Trailer
- Security Products

# Capabilities

## Single Source Solutions

SCI's sourcing and manufacturing capabilities allow us to efficiently handle any project no matter how large or complex. The wide range of product solutions allow us to supply customers worldwide in the computer, data communications, health/fitness, audio, medical, and telecommunications industries.

Whether your requirements call for unique plastic injection molding, custom wire extrusion, component fabrication, or precision cable assembly; SCI has the capability to deliver the optimal interconnect solution for your next requirement.

When you add our diverse capabilities to our guaranteed quality, on-time delivery, and competitive prices, SCI delivers an outstanding value package that is the perfect fit for all your OEM projects.



Point of Sale Cables



Power Cords



Wire Harnesses



AC/DC Transformers



Automotive Assemblies



Molded Enclosures



Ribbon Assemblies

# Successes



## SCI Assembly Lowers Defect Rate to Zero

Engineers at a prominent medical device manufacturer wanted to combine three cumbersome and costly cables into one. When their existing cable vendor came back with a solution that cost even more, wouldn't pass FCC emissions tests, and had a 35% quality fall out rate, they called System Connection. Our custom engineered assembly not only passed the FCC emissions test with margin, but also looked and performed better. The superior quality of the new assembly exceeded quality expectations by reducing the defect rate to zero. Finally, the new solution cost about 50% less than the cable it replaced; not to mention, the additional savings enjoyed from our Just-In-Time delivery service and the dramatic decrease in their warranty expenses.



## SCI Assembly Saves Company Time and Money

For a major automotive test equipment manufacturer, servicing a unique cable requirement was a headache. It took three vendors and multiple purchase orders to get the cable built for their application. Enter SCI. We sourced the components and designed the cable to their specifications. The new lower cost, higher quality molded assembly generated thousands of dollars in savings for the company.



[Read more success stories at  
www.systemconnection.com](http://www.systemconnection.com)

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