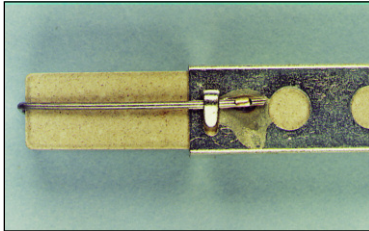
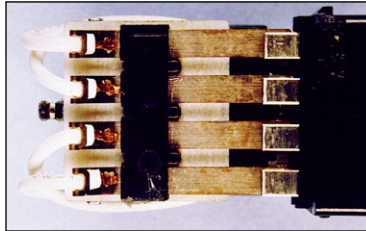


Resistance Spot Welding Applications

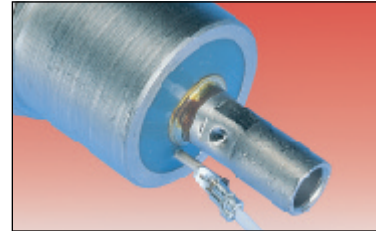
Electronic Components, Relays, Switches, Thermostats



Resistor support bracket



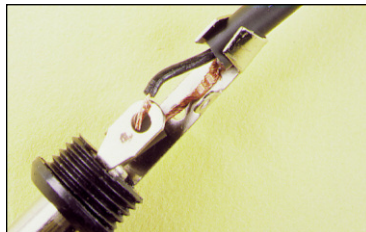
Relay terminal connection



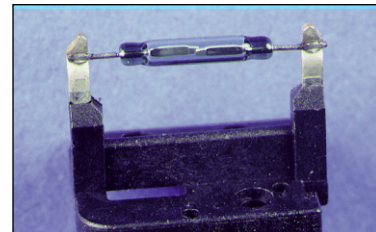
Power solid state relay (SCR)



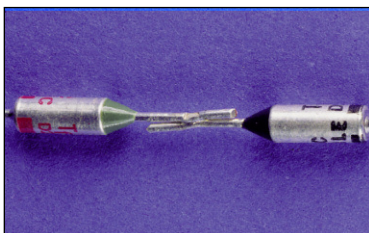
Appliance solenoid



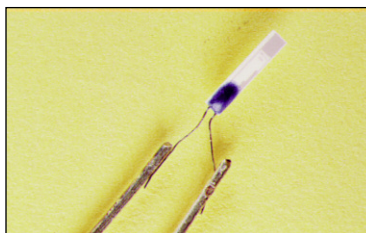
Microphone plug



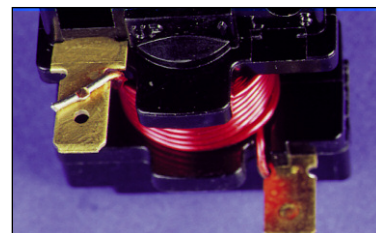
Reed-switch assembly



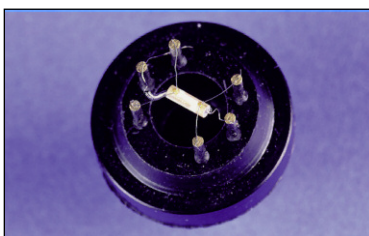
Thermal cut-off assembly



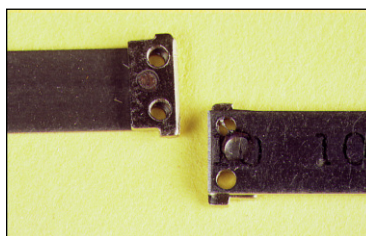
Element assembly



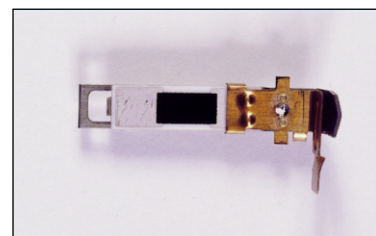
Relay



Sensing device



Relay latch plate assembly

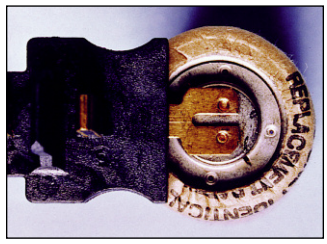


Switch assembly

Amada Miyachi America has been the world leader in the design, manufacture and application of precision resistance welding equipment and systems for more than 65 years. Our product line offers the broadest range of welding power supply, control, transformer, weld head, electrode and accessory choices which, in a multitude of combinations, can deliver optimum weld quality, productivity, yield and throughput. Amada Miyachi America's products provide superior performance in automated, production line, bench top, hand-held, and laboratory environments. All products are manufactured under an ISO 9001 certified system and are built to comply to CE regulations.

Following is a sampling of the many applications, over a broad range of products and a variety of markets, that are performed successfully every day by thousands of satisfied Amada Miyachi America customers. Due to space limitations and customer confidentiality, we have not included every application. Contact your local Amada Miyachi America representative for additional application information and examples.

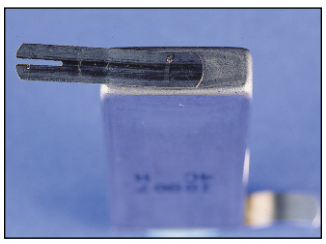
BATTERIES AND BATTERY PACKS



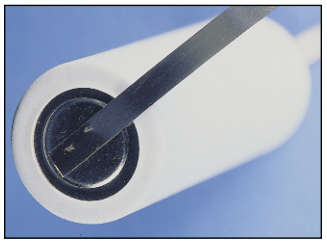
Power tool battery pack connector



NiMH battery pack



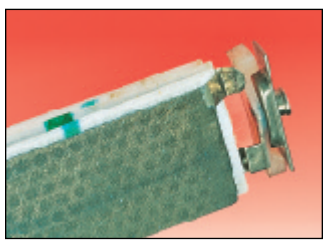
Prismatic battery tab



NiMH battery tab



Lithium-ion coin cell battery tab



Prismatic nickel/cadmium battery assembly

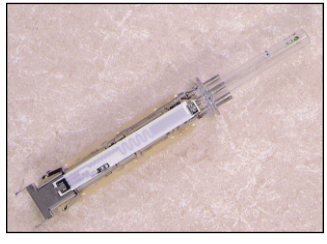


Battery tab to lithium-ion cell



Battery cans and assembly

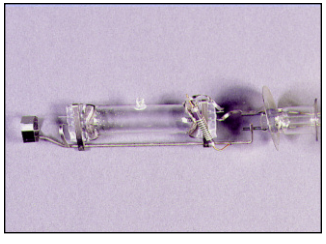
LAMPS AND TELEVISION TUBES



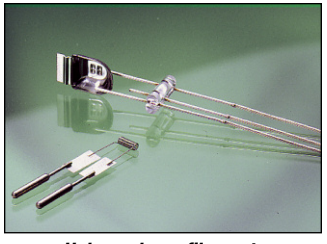
CRT Electron Gun



Automotive head lamp

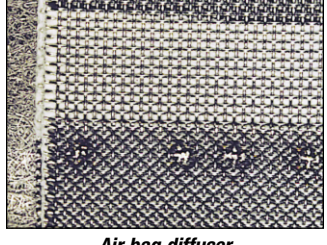


Lamp assembly

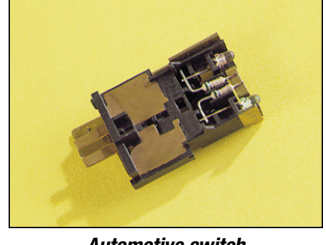


Halogen lamp filaments

AUTOMOTIVE ELECTRONICS AND SENSORS



Air bag diffuser



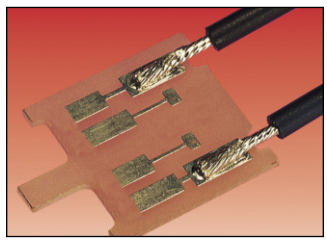
Automotive switch



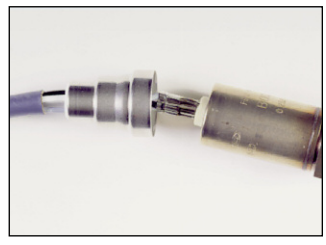
Air bag detonator module (squib wire)



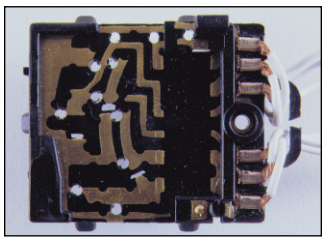
Anti-lock brake system solenoid



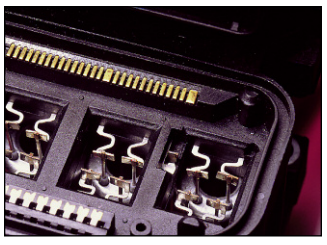
Automotive sensor printed circuit board



Automotive sensor

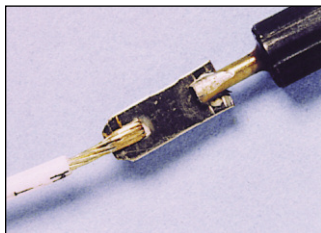


Turn indicator assembly



Anti-lock brake system module

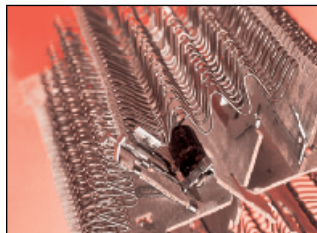
HEATING ELEMENTS



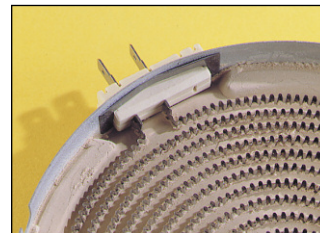
Cal-rod heating element



Flat heating element

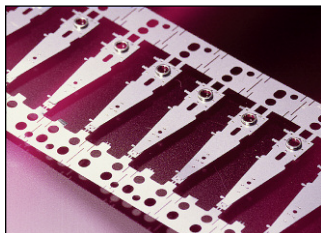


Hair dryer heating assembly

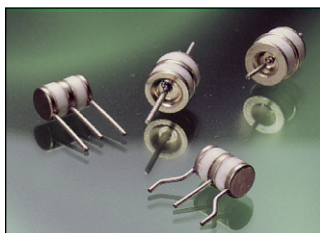


Ceramic hot-plate element

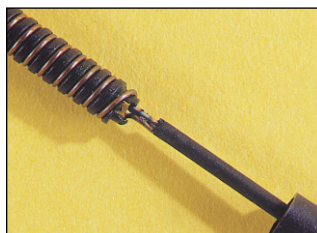
TELECOMMUNICATIONS, COMPUTER AND HARD DISK DRIVES



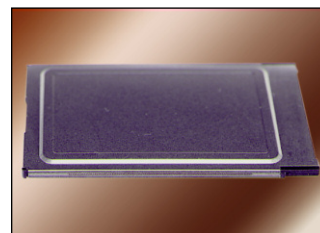
Hard disk drive lead frame assembly



PC components

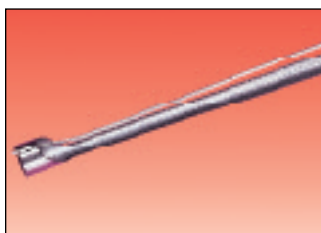


Cellular phone antenna assembly



PCMCIA card

MEDICAL DEVICES AND TOOLS



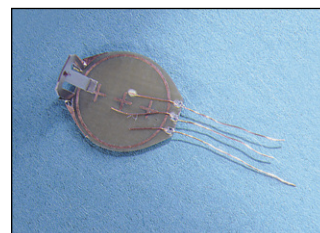
Cauterizing tool



Pacemaker

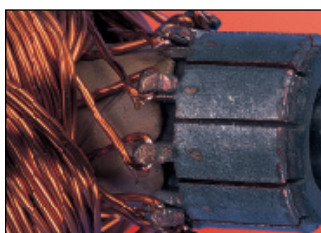


Catheter guide wire assembly

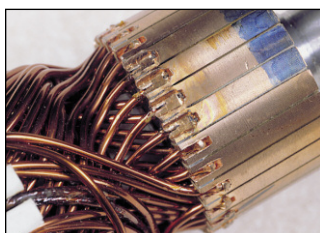


Hearing aid electronics

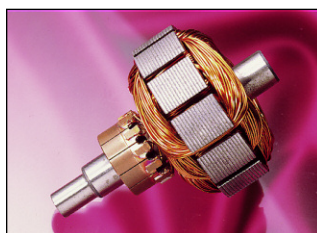
MOTOR ARMATURE FUSING



Motor armature fusing



Slotted motor armature fusing

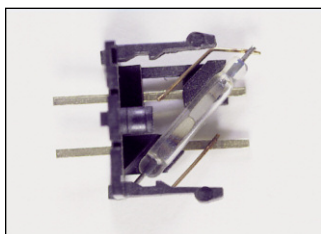


Motor fusing

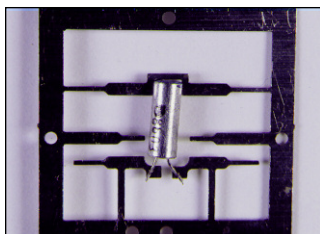


Motor cores for phones

ELECTRICAL COMPONENTS



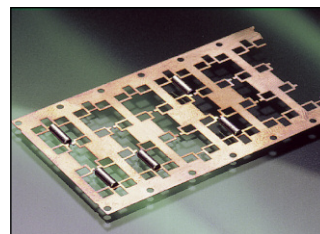
Switch assembly



Crystal to leadframe

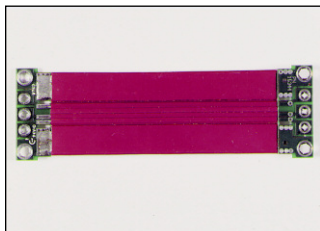


Piezo electrical device



Lead frame for crystal oscillator

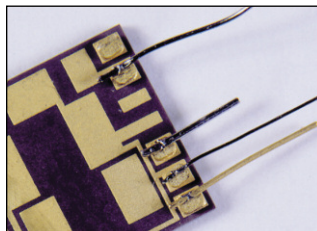
MISCELLANEOUS



Rigid flex connector



Coating wire (solenoid)



Fine wire to pad



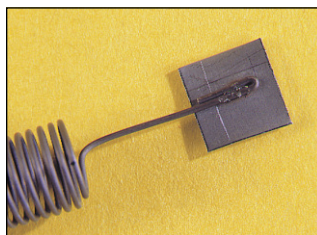
Smart cards



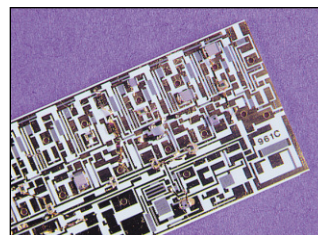
Cigarette lighter



Body piercing jewelry



Heating element interface



Gold wire to ceramic substrate

WELDING SYSTEM SELECTION

The selection of a welding system is based on many application variables. The user must match the metallurgy, shape, configuration, condition and weldability of the parts to be joined with the production objectives which might include throughput, yield, welding strength, weld appearance, and deformation as tempered by equipment cost, electrode life, automation, and process data collection requirements. Amada Miyachi America

operates applications laboratories around the world which, at no cost, provide written parts evaluation, sample parts welding, equipment and process recommendations, and user training.

Contact your local technical sales and service representative for assistance in selecting the best equipment from Amada Miyachi America's broad product line to match your specific requirements.



1820 S. Myrtle Ave. • Monrovia, CA 91016 US
T: (626) 303-5676 • F: (626) 358-8048
info@amadamiyachi.com • www.amadamiyachi.com

AMADA MIYACHI AMERICA, INC. ISO 9001 Certified Company • 24/7 Repair Service: 1-866-751-7378

AMERICAS
Amada Miyachi
America Midwest
Wixom, MI 48393
T: (248) 313-3078
midwestsales@amadamiyachi.com

Amada Miyachi do
Brasil Ltda.
Sao Paulo, Brasil
T: +55-11-4193-3607
antonio.ruiz@amadamiyachi.com

EUROPE
Amada Miyachi
Europe GmbH
Puchheim, Germany
T: +49 (0) 89 83 94 030
infode@amadamiyachi.eu

ASIA
Amada Miyachi Co., Ltd.
Noda, 278-0016 Japan
T: +81-4-7125-6177
sales@miyachi.com

Amada Miyachi
Shanghai, Co., Ltd.
Shanghai, China
T: +86-21-6448-6000
zqzhang@msc.miyachi.com

Amada Miyachi
Korea Co., Ltd.
Gyeonggi-do, Korea
T: +82-31-8015-6810
dykim@mkc.miyachi.com

Amada Miyachi
Taiwan Co., Ltd.
Taipei, Taiwan R.O.C.
T: 886-2-2397-4778
keigaku@miyachi.com

Amada Miyachi
(Thailand) Co., Ltd.
Samutprakarn, Thailand
T: +66-2751-9337-8
info@mtl.miyachi.com

Amada Miyachi
Vietnam Co., Ltd.
Ho Chi Minh City, Vietnam
T: +84-8-3771-7972

Amada Miyachi
India Pvt., Ltd.
Bangalore, Karnataka
T: 080-4092-1749 & 3549
info@miyachiindia.com

Amada Miyachi
America Mexico
El Paso, TX 79925
T: (915) 881-8765
mxsales@amadamiyachi.com

Specifications subject to change without notice. Copyright© 2015 Amada Miyachi America, Inc. The material contained herein cannot be reproduced or used in any other way without the express written permission of Amada Miyachi America, Inc. All rights reserved.



follow us on: