



US06D5184405

(12) **United States Design Patent** (10) Patent No.: **US D518,440 S**
Chang (45) Date of Patent: **Apr. 4, 2006**

(54) **TERMINAL HOLDER FOR REDUCED CROSSTALK CONNECTOR**

Inventor: **Ray Chang, Hsi-chih (TW)**
Assignee: **Telebox Industries Corp., Taipei Hsien (TW)**
Term: **14 Years**
Appl. No.: **29/219,686**
Filed: **Dec. 22, 2004**
LOC (8) Cl.: **13-03**
U.S. Cl.: **D13/147**
Field of Classification Search: **D13/133, D13/146, 147, 154, 184, 199; 439/67, 260, 439/262, 267, 329, 637**
See application file for complete search history.

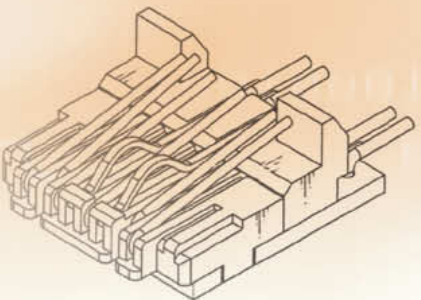
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(57) **CLAIM**
The ornamental design for terminal holder for reduced crosstalk connector, as shown and described.

DESCRIPTION
FIG. 1 is a perspective view of a terminal holder for reduced crosstalk connector showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a right side elevational view thereof; the opposite side being a mirror image of that shown;
FIG. 7 is a perspective view thereof, in installed condition at 45 degrees;
FIG. 8 is a perspective view thereof, in installed condition at 90 degrees; and,
FIG. 9 is a perspective view thereof, in installed condition at 180 degrees.
The broken line showing of the environment is for illustrative purposes only and forms no part of the claimed design.

References Cited
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1 Claim, 9 Drawing Sheets



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Telebox Industries Corp.
Company Profile



About Telebox



Telebox founded in 1987 at Hsichih-Taipei (also known as Sijhih or Xizhi), 10 Km from Taipei city center, grew from a Telephone accessories plant to a turn-over US\$10 millions annum connector developer and manufacturer. Since then, we take honest, improve and cooperation as creed. We emphasis personnel training and education to enhance each professional skill and knowledge in order to motivate a teamwork to serve customers. We continue to invest testing and measuring equipments, design and prototyping tools and machines, and automatic machines in order to providing every considerations to the customers with faultless products and services. Together with the customers as long term partnership, we strive for mutual ideas and growth. By sharing its resplendency with employees, we are cautions and conscientious in practice: **"employees as core value; honesty and improvement; and perpetual operation"**



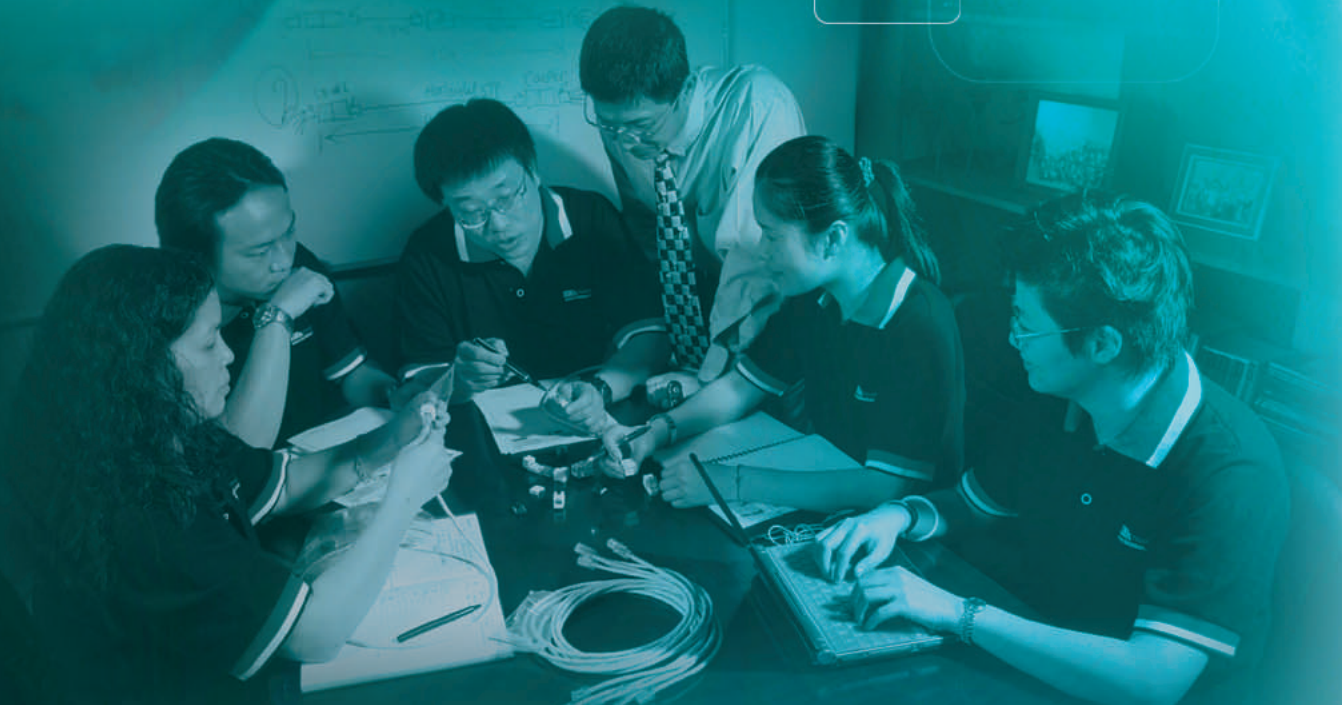
Telebox Principles

- Fully coordinate with the colleagues.
- Stride forward with the customers.
- Mutual glory with the suppliers.

Honest...

C

ommunicate and coordinate



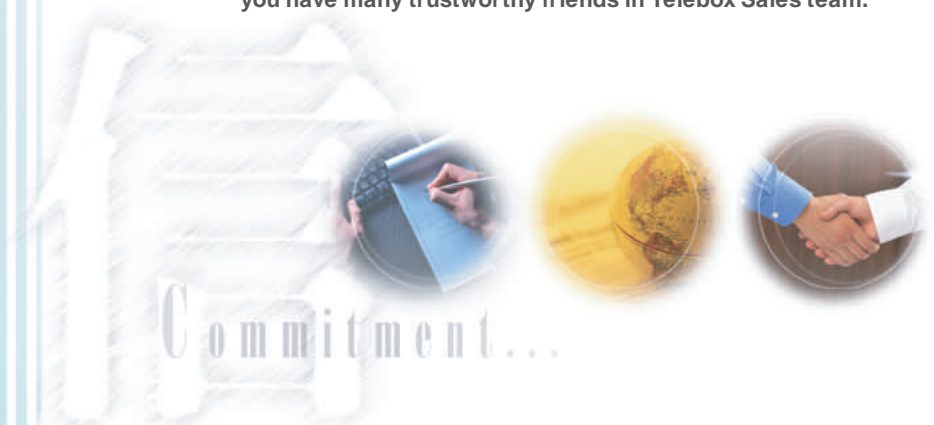
Telebox Sales team works much as a "connector" closely connects the customer and Telebox together. We also work like a friend to offer logistical support and recommendation for readiness of IT market. Thus we make great strides forward together with the customers.

The 3C's policy of Telebox Sales team:

- Communication** Communicate with customers to establish the objective
- Coordination** Coordinate the supply chain to complete the mission
- Collaboration** Collaborate customers/in-house resources/supply chain into force

Most importantly,

you have many trustworthy friends in Telebox Sales team.



- Our Products:**
- ✓ Structured cabling system: modular connector, outlet, patch panel, patch cord and etc.
 - ✓ ADSL filters and splitters
 - ✓ Video/Audio Balun for surveillance system



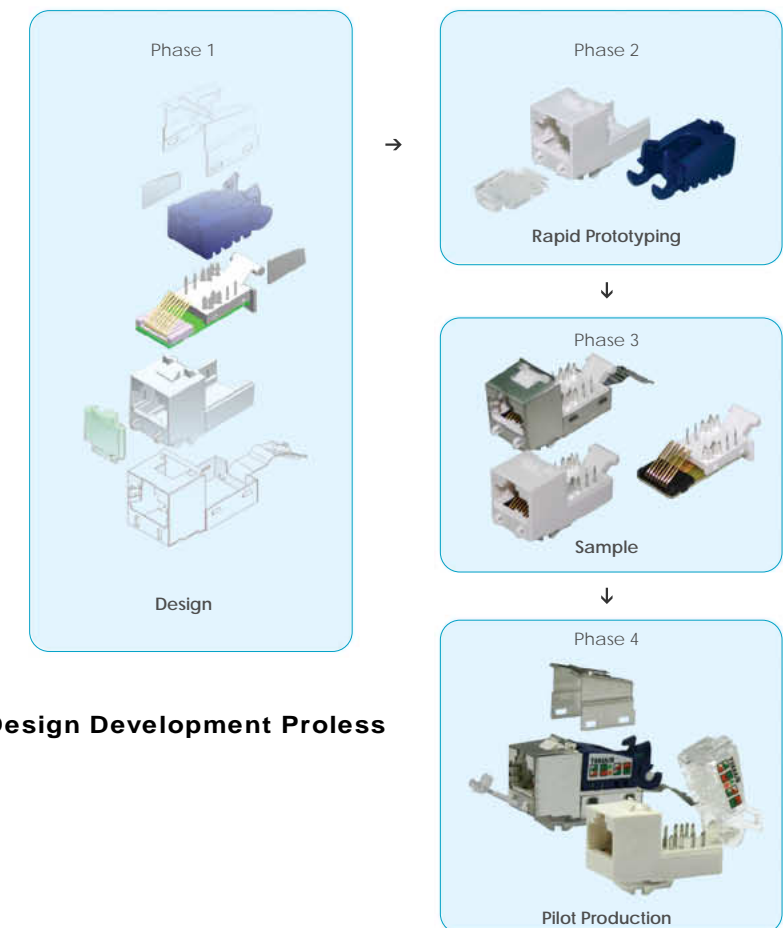
Design & Development



"80% of the product competitiveness is determined by Research and Development"

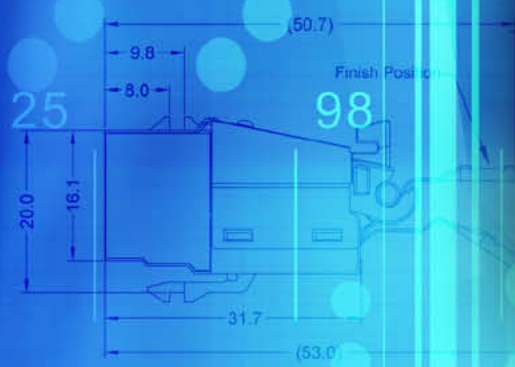
Our team has grasped the key technologies in our industries. We take a macro view of the product system: understand different departments' characteristics and requirement, introduce the technology via our engineers and associates, and integrate products mix with efficiency. All efforts concentrate to develop the quality products with good function and the value within deadline to achieve competitiveness.

Not only did Telebox design and produce the connectors and related products, but also develop ADSL filter, FTTH media converter, video and audio Balun, automobile electronics, and products required by transmission line. Understanding the technical pulsation is an integral part of R&D's development for multidimensional products.

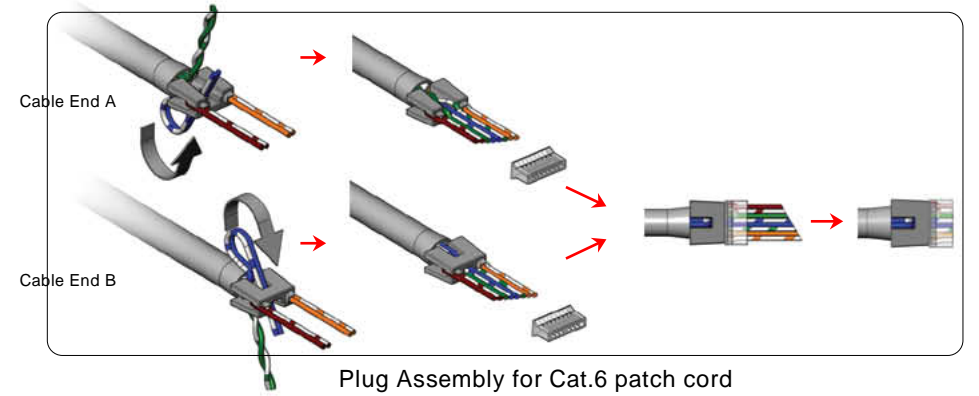


Design Development Proless

Innovation & Value



C3D Inkjet Rapid Prototyping (16 microns two ways)



Our Competence :

- ✓ Engineering design and rapid prototyping
- ✓ Tooling development for plastic and metal
- ✓ High frequency transmission design and test
- ✓ Automatic machines development



Quality and quantity



Video Measuring Microscope



X-BAR CHART

R CHART



Quality...

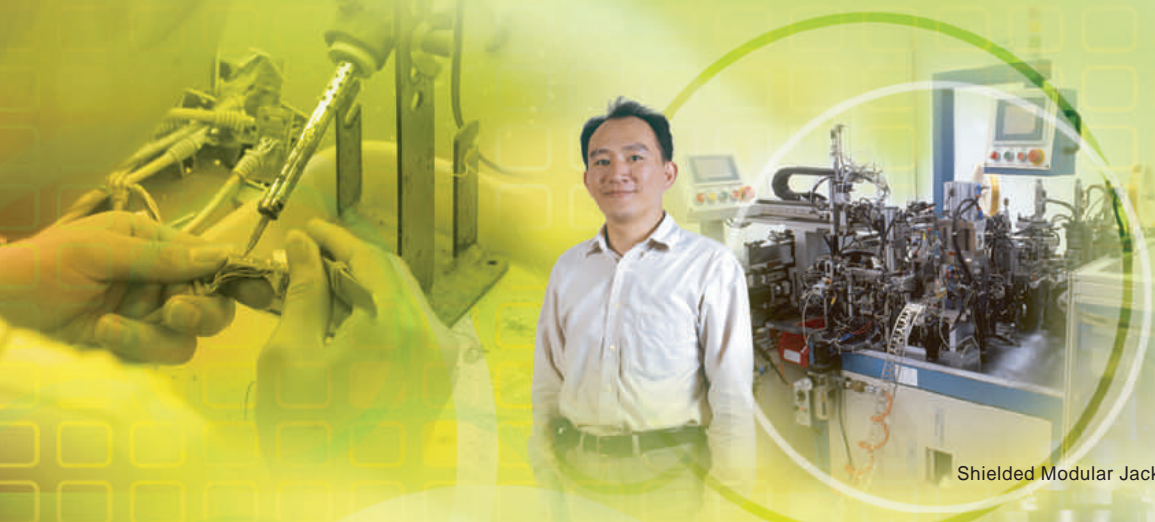
Telebox persists in its strict sampling inspection and quality control, and assures its out-going quality level becoming our continuing quality policy. As early as 1994, we started practicing the ISO-9001 quality system as connector developer and manufacturer. In 2005, the system was verified to the ISO 9001:2000 for continuing improvement. Through long and persistent practice, we hope to meet customers' demand and satisfaction.

In order to put RoHS under control, we installed a mobile X-ray detector in order to meet the requirement. We bridge our suppliers and subcontractors with education, with whom we induct a customers oriented quality control system. We upgrade the concept of "quantity" to "quality and quantity", in which we carry out the Telebox principle- mutual support, co-exist and mutual glory.



P

roduction and Total Process



Shielded Modular Jack Assembly



Electric Discharge Machine



Mold Temperature Controller

Through our long and loyal suppliers/subcontractors, and our thoughtful and responsive purchase staffs, we could monitor the components' quality and delivery status, and take appropriate measures based on timely analysis and judgment. Our production control staffs and industrial engineers possess a superb skills and flexibility for quick integration, capacity expansion, and jigs and tools design. They formulated different processes to cope with customers' demand in different quantity, in extended items, and in fast delivery. All made it possible by the APEX Enterprise Resources Planning (ERP) system. Telebox therefore owns a total production process capability starting from tooling development, injection and molding, automation, manual assembly, testing and

packaging, to final shipping etc. All operations aim at optimization and standardization in order to produce products in consistent quality and to satisfy our customers.



Technical Chronicle



- 1987 • Telebox Industries Corporation founded in Hsichih-Taipei, Taiwan.
- Became a supplier of Ericsson Company until now.
- 1993 • Participating CeBit Hannover Fair in Germany until now.
- 1994 • Awarded Certification of ISO 9001 (TÜV Rhineland) as a connector developer and manufacturer
- 1995 • Developed the first gold wire modular jack automatic machine
- 1996 • Install HP 4195A Network Analyzers for Cat.5 products test and development
- 2000 • OEM project to develop Residential Internet over Cable TV
- Plastic injection and tooling factory established.
- 2001 • Installed HP 8753E full two ports calibration Network Analyzer for Cat.6 products development
- Developed Fiber to the home (FTTH) media converters for Nordic countries.
- 2002 • Developed TIA 568-B.2 standard Cat.6 de-embedded test plugs for Cat.6 products development and testing.
- 2003 • Installed Video Measuring Microscope (Non-contact 2D image measuring instrument) for precision measurement.
- 2005 • Awarded Certification of ISO 9001:2000 (TÜV Rhineland) for continue improvement.
- Installed ENA 5062A and Fluke DTX for 10GB and Cat.6a products development.
- Cat.6 module verified by Danish "3P Testing" as Cat.6 connecting hardware.
- 2006 • Installed Rapid Prototype Machine for fast mockup to shorten design review process.
- Upgrade Enterprise Resource Planning system (APEX ERP) to improve management capacity
- Installed X-ray detector for RoHS analysis and testing.
- Installed PHP8751A Network analyzer for ADSL microfilter development
- Installed Video Signal Generator for CCTV Balun development

In Hsichih-Taipei, 06.09.2006

Dear Readers,

In Telebox, we promise quality and service. A promise is a promise.

We hope you like our company and beome our partners.

Sincerely yours,

Ray Chang/President





Attestation of Conformity

**Unscreened Category 6
ISO/IEC, EN & TIA/EIA Connecting Hardware**

**Telebox Identification P/N TA8068UT
Category 6, Unscreened, Keystone Jack
Electrical Transmission Performance**

**Telebox Industries Corp.
4F, No. 306, Tatung Road, Sec. 1
Hsichih-Taipei 221, Taiwan, R.O.C.**

Attestation of Conformity No. 106488

This Unscreened ISO/IEC, EN & TIA/EIA Connecting Hardware having board identification "KY-01 KC33 D30" has been tested by 3P Third Party Testing and complies with the Category 6 transmission requirements of 2nd edition ISO/IEC Generic Cabling Standard 11801, CENELEC Generic Cabling Standard EN 50173-1, ANSI/TIA/EIA Generic Cabling Standard 568-B.2-1 and IEC Connecting Hardware Standard 60603-7-4. The mated pair requirements are passed using the complete specified de-embedded range of RJ 45 plugs. The Attestation of Conformity is valid for the actually tested connecting hardware samples and no verification of the running production is performed.

Hoersholm, 24 April 2006

Ole Lambertsen
Test Responsible

Hoersholm, 24 April 2006

Poul Villien
Coordinating Manager

Independent Testing - For End User Confidence



Attestation of Conformity

**Screened Category 6
ISO/IEC, EN & TIA/EIA Connecting Hardware**

**Telebox Identification P/N TA8668SX
Category 6, Screened, Keystone Jack
Electrical Transmission Performance**

**Telebox Industries Corp.
4F, No. 306, Tatung Road, Sec. 1
Hsichih-Taipei 221, Taiwan, R.O.C.**

Attestation of Conformity No. 105469

This Screened ISO/IEC, EN & TIA/EIA Connecting Hardware having board identification "001-8670 C6 1F00 NG5 LD9-0" has been tested by 3P Third Party Testing and complies with the Category 6 transmission requirements of 2nd edition ISO/IEC Generic Cabling Standard 11801, CENELEC Generic Cabling Standard EN 50173-1, ANSI/TIA/EIA Generic Cabling Standard 568-B.2-1 and draft IEC Connecting Hardware Standard 60603-7-5. The mated pair requirements are passed using the complete specified de-embedded range of RJ 45 plugs. The Attestation of Conformity is valid for the actually tested connecting hardware samples and no verification of the running production is performed.

Hoersholm, 19 May 2005

Ole Lambertsen
Test Responsible

Hoersholm, 19 May 2005

Poul Villien
Coordinating Manager

Independent Testing - For End User Confidence

