

192 mm Falz

Rückseite

402 mm Falz

Vorderseite



- Spring Wire Contact
- Special development in accordance with customer requirements

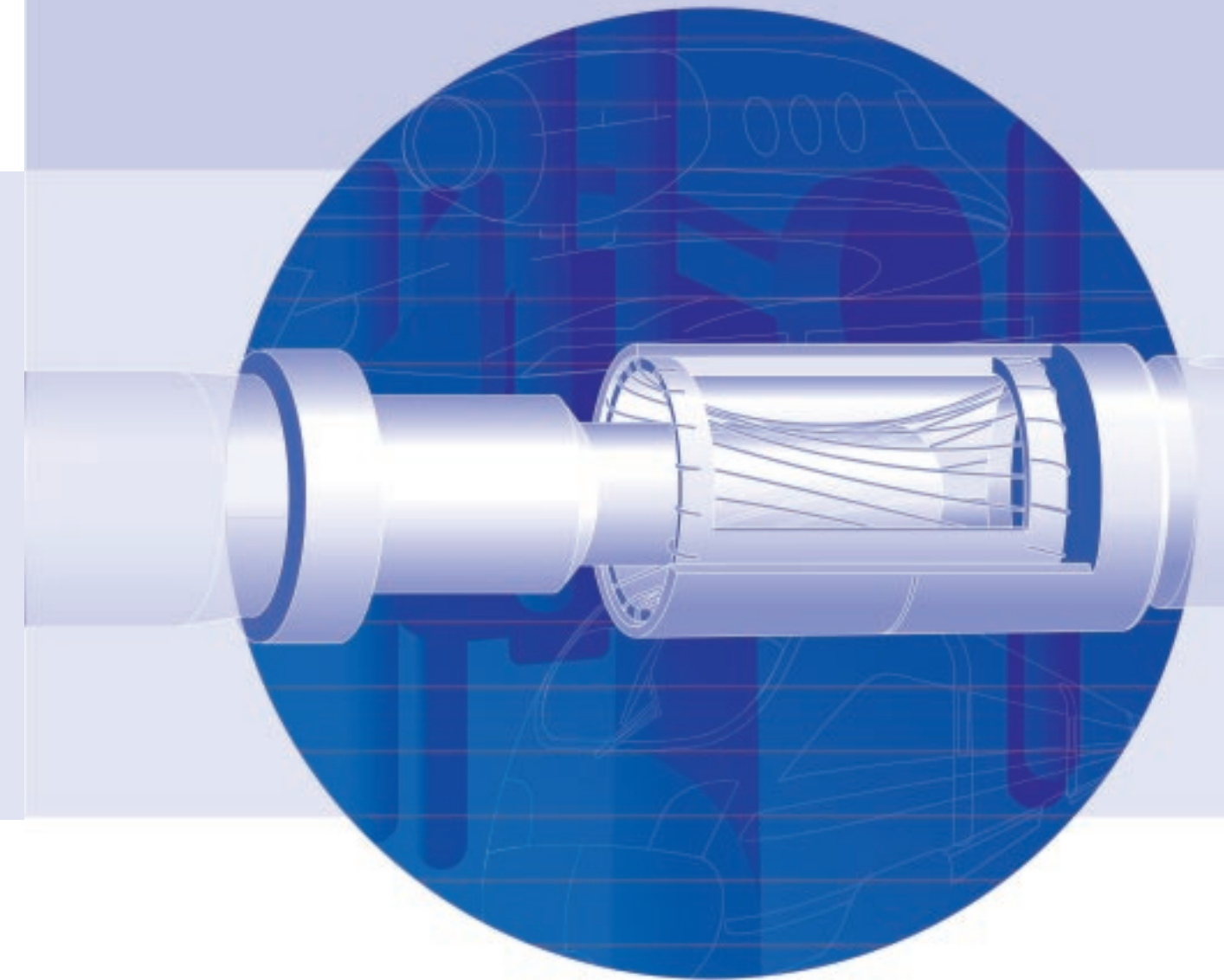
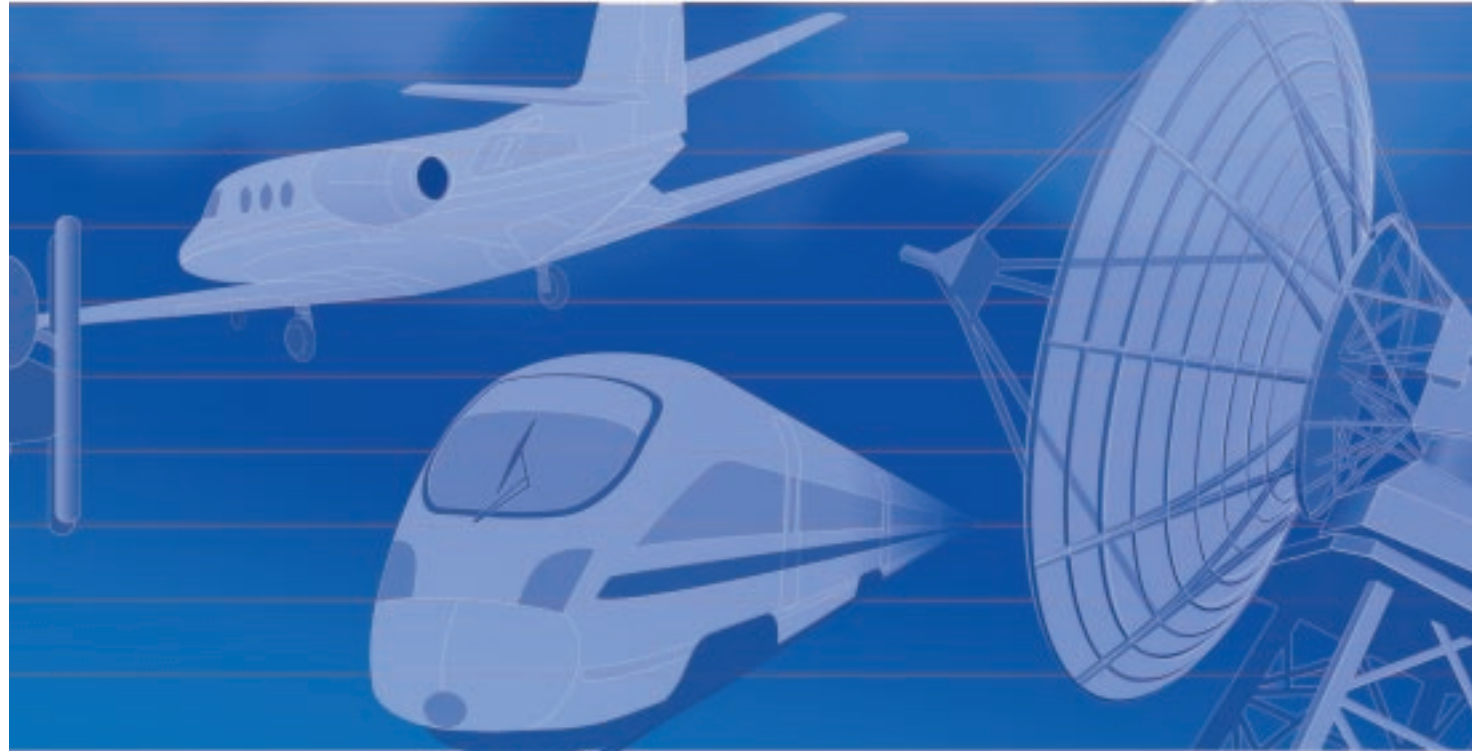
HIPO Systems Service

HIPO experienced engineers are always available to advise customers on products.

Located in Germany HIPO development department is continually working to improve not only standard products but also customer specific products.

With HIPO every service is from a single point.

- **Project advice and management**
- **Special development in accordance with customer requirements**
- **Quick supply of prototypes**
- **Small and large production quantities**



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210 mm Falz

420 mm Falz



- Company location
Wissen
- Production China



HIPO Systems GmbH

HIPO is an international company specialising in high power connectors and connectors for individual applications.

Latest technology, optimal performance and a high level of service are not just a mark of HIPO but part of the company's culture.

Whether it be a standard application or a special project our experience in development and production is brought together for the benefit of our customers.

As well as the cost benefit gained by the use of our products we also offer our customers professional advice and support.

HIPO is able, at any time, to meet the demands of customers in the transportation, power, automation and telecommunication sectors with standard optical/ electrical and electrical connectors from stock or short deliveries.

D25P/035A

- Current rating: up to 35A per contact #12
- Guiding structure to avoid mismating and floating mounting for blind mating
- Number of contacts: 25
- Contact sizes: 15x #20; 4x #16; 6x #12
- Contact length: standard, pre and post mate
- Termination: crimp, solder, PCB
- Plating: silver or gold

D29P/035A

- Current rating: up to 35A per contact #12
- Guiding structure to avoid mismating and floating mounting for blind mating
- Number of contacts: 29
- Contact sizes: 21x #20; 4x #16; 4x #12
- Contact length: standard, pre and post mate
- Termination: crimp, solder, PCB
- Plating: silver or gold

D37P/075A

- Current rating: up to 75A per contact #8
- Guiding structure to avoid mismating and floating mounting for blind mating
- Number of contacts: 37
- Contact sizes: 24x #20; 9x #12; 4x #8
- Contact length: standard, pre and post mate
- Termination: crimp, solder, PCB
- Plating: silver or gold

D40P/125A

- Current rating: up to 125A per contact #4
- Guiding structure to avoid mismating and floating mounting for blind mating
- Number of contacts: 40
- Contact sizes: 32x #20; 6x #12; 2x #4
- Contact length: standard, pre and post mate
- Termination: crimp, solder, PCB, screw #4
- Plating: silver or gold

D52P/150A

- Current rating: up to 150A per contact #0
- Guiding structure to avoid mismating and floating mounting for blind mating
- Number of contacts: 52
- Contact sizes: 32x #20; 12x #16; 6x #12; 2x #0
- Contact length: standard, pre and post mate
- Termination: crimp, solder, PCB, screw #4
- Plating: silver or gold

TELECOMMUNICATION

RADAR

COMPUTER HARDWARE

ROBOTICS

INDUSTRIAL

AEROSPACE

SHIPS

RAILWAY

DEFENCE

POWER SUPPLY

HIPO D-Series Electrical Connector



Features:

- Specially designed for modular power
- Various forms of termination and six contact sizes
- Two types of contact, spring wire socket and crown band socket
- Sequenced mating by different contact lengths
- Hot plug capability

Environment:

- Operating Temperature: -55 °C to +125 °C
- Relative Humidity: 95% at 40 °C
- Vibration: 10~2000Hz, acceleration: 98 m/s²
- Shock: 85 m/s²

Qualification:

- ISO 9001;2000
- UL 1977
- TÜV standard EN60950
- CE certificate



Materials:

Housing:	Glass reinforced polyester, UL 94V-0, black
Housing dielectric strength:	1500 v DC for 1 minute
Insulation resistance:	> 5000 MΩ
Contacts:	Copper alloy
Plating:	Silver 5 - 8 μm over Nickel Gold 0,76 . 1,27 μm over Nickel
Mating cycle:	> 1000

Specification:

Contact size	Contact Resistance (mΩ)	Current rating (A)	Withdrawal force per contact (N)
0#	≤ 0.40	150	9 - 20
4#	≤ 0.5	125	7 - 15
8#	≤ 0.75	75	4 - 10
12#	≤ 1.0	35	1.5 - 4
16#	≤ 2.5	15	0.4 - 2
20#	≤ 5.0	5	0.3 - 0.8

HIPO Systems Quality

Wherever our products are installed they bring performance, long product life and optimal cost to the benefit of our customers.

The quality of our products and their performance is never an option but an essential ingredient.

Our production in Asia is subject to stringent quality control and is certified to ISO 9001;2000 and also military quality procedures.

A large proportion of our products are UL, TÜV, CSA and CE approved.

HiPower Compact PCI Connector



Features:

- No. of contacts: 38 + 47 other upon request
- High current density: 23A / 250V per contact
- Hot swapping by various contact length
- Avoid mismating by built in polarisation housing
- Board to board and cable to board application
- Crimp, PCB solder and press fit termination

Specifications:

Materials	Contacts	High conductivity copper alloy
	Plating	Gold over Nickel
Electrical	Insulator	Glass reinforced polyester, UL 94V-0, red
	Insulation resistance	5000 MΩ
	Contact resistance	size #20 ≤ 5,0 mΩ size #16 ≤ 2,5 mΩ
Mechanical	Current rating	size #20 up to 5A nominal size #16 up to 23A nominal
	Contact Withdrawal force	size #20; 0,4 – 2N per Contact size #16; 0,3 – 1N per Contact
	Working Temperature	-55 °C to +125 °C

- UL-Certificate
- CE-Certificate
- ISO 9001;2000-Certificate
- TÜV-Certificate



This is only a small selection of our wide product range. If you need more information or any other optical-electrical or electrical connectors feel free to ask for our product sheets.

