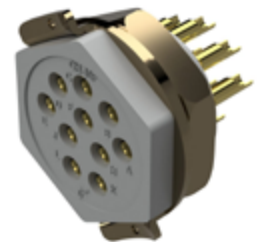


POSITRONIC PRODUCT LINE CARD



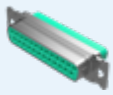
PEI-GENESIS AND POSITRONIC | DELIVERING VALUE-ADDED HARSH ENVIRONMENT CONNECTOR SOLUTIONS

PEI-Genesis is a global distributor for the Positronic product portfolio, delivering value-added connector assembly services for a variety of harsh environment applications including space-grade technology, automotive, electric vehicle (EV), military, aerospace, and more. Our portfolio includes D-Subminiature (High-Density, Combo-D, Mil-Spec), Power & Hybrid, Rectangular, and Circular connector solutions.

Contact a PEI-Genesis expert to receive industry leading engineering and technical support to help with custom designs to meet your application requirements.

D-SUB CONNECTORS

Standard Density



Standard density D-Subs with size 20 machined contacts. Available in Mil-Spec. Series: SD, MD, RD, HSC, SND

Combo-D



Mixed density D-Subs to mix power, signal, coax, high voltage and fiber optic.

IP67 Waterproof



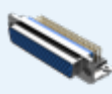
For applications requiring IP65/IP67 waterproofing characteristics.

High-Density



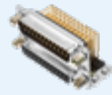
High density D-Subs with size 22 machine contacts. Available in Mil-Spec.

MACH-D



High performance D-Subs connector for use in harsh environments.

Dual Port (Stacked)



Stacked right angle D-Subs to save panel and board space.

Adapter/Saver



Help prevent unwanted wear during testing or act as gender changers.

Hermetic



Feedthroughs for vacuum applications.

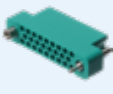
RECTANGULAR CONNECTORS

Rack & Panel



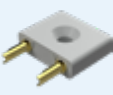
Robust connectors for rack & panel applications.

Mini-Rectangular



High density connectors for rack & panel or board-to-board applications.

Slim Power



Low-profile, stackable power connector.

CIRCULAR CONNECTORS

Circle Hex



Circular hex connectors for legacy avionics applications.

Front Runner



Size 11 and size 19 composite circular connectors.

Talon Mini



Quarter-turn, a metal high-reliability circular connector for power and signal use including GbE.

Baby King Cobra



Quarter-turn, economical circular connectors.

POWER & HYBRID CONNECTORS

Power Connection System



Versatile power connectors utilizing size 16 contacts.

Dragonfly



An economical, miniature power/signal connector family.

Scorpion™



The most versatile power/signal connectors on the market.

Goldfish



A blind mating, low-profile power/signal connector with many options.

Great Golden



An extreme power connector capable of up to 200 amps per contact.

Compact Power



Plug-in power interface for CompactPCI and related platforms.

AdvancedTCA



The PICMG 3.0 AdvancedTCA Zone 1 connector of choice.

Infinity



Stellar blind mating, mixed density connector with robust housing.

Safety Shroud



Shrouded, touch-safe power connectors.

Autoshunt



An innovative alternative to CT shorting blocks.

All products within this catalog are subject to regional availability and pricing. For the best support please contact sales@peigenesis.com.

D-SUBMINIATURE CONNECTORS - TECHNICAL SPECS

	#22 Contacts	#20 Contacts	#16 Contacts	#8 Contacts	M24308 / M39029	Ideal Use
Standard Density (Series: SD, MD, ED, RD, HDC, SND)		X			X	INDUSTRIAL, MIL/AERO & SPACEFLIGHT
High Density (Series: ODD, DD, PCDD, SDD)	X				X	INDUSTRIAL, MIL/AERO & SPACEFLIGHT
Combo-D (Series: CBC, CBD, CBM, CBCD, CBDD, CBF, SCBC, SCBM, SCBCD, SCBDD)	X	X	X	X		POWER, SIGNAL, COAX, HIGH VOLTAGE, FIBER APPLICATIONS
Waterproof (Series: WD, WDD, EVD)	X	X				IP65/IP67 REQUIREMENTS
Dual Port (Stacked) (Series: DPB, DDB, XDB)	X	X		X		MAXIMIZING PCB SPACE
Adapter/Saver (Series: AD, HAD, DAD, SAD, SADD)	X	X		X		GENDER CHANGING OR CONNECTOR SAVING
Hermetic (Series: SXAVAC, SAVAC, HIVAC)	X	X	X	X		HERMETIC SEALING
MACH-D (Series: MCD, MCDD, MCBX)	X	X	X	X	X	MACHINE SHELL FOR ULTRA PERFORMANCE

APPLICATIONS

	Technology	Spaceflight	Military	Aerospace / Defense	Computing & Power Supplies	Rail & Mass Transit	Oil, Gas & Energy	Medical	Off- Highway	Industrial	Test & Instrumentation
Standard Density		X	X	X		X	X	X	X	X	X
High Density		X	X	X		X	X	X	X	X	X
Combo-D	X	X	X	X	X	X	X	X		X	X
Waterproof			X	X		X	X	X	X	X	
Dual Port										X	X
Adapter/Saver				X						X	X
Hermetic		X	X	X							X
MACH-D		X	X	X							

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RECTANGULAR CONNECTORS - TECHNICAL SPECS

	#22 Contacts	#20 Contacts	#16 Contacts	M24308 / M39029	Stackable	Ideal Use
Rugged Rack & Panel (Series: GMCT, GAP, GAPL)		X	X	X		ROBUST RACK & PANEL APPLICATIONS
Mini-Rectangular (Series: SGM, SGM, SMPL)	X			X		HIGH DENSITY R&P OR BOARD - BOARD APPLICATIONS
Slim Power (Series: FD, GFPL)		X			X	LOW PROFILE STACKABLE POWER

APPLICATIONS

	Technology	Military	Aerospace / Defense	Rail & Mass Transit	Oil, Gas & Energy	Medical	Industrial	Test & Instrumentation
Rugged Rack & Panel		X	X	X	X		X	X
Mini-Rectangular	X	X	X	X	X	X	X	X
Slim Power		X	X		X	X	X	

CIRCULAR CONNECTORS - TECHNICAL SPECS

	Power	Signal	Size	Shell Material	Coupling Nut
Talon Mini (Series: TB)	X	X	Small - Medium	Aluminum	¼ Turn
Baby King Cobra (Series: BKC)		X	Small - Medium	Plastic	¼ Turn
Front Runner (Series: FR)	X	X	Medium - Large	Plastic	Thread
Circle Hex (Series: GH, MGH)		X	Small - Medium	Plastic	Optional

APPLICATIONS

	Technology	Military	Aerospace / Defense	Rail & Mass Transit	Oil, Gas & Energy	Medical	Off- Highway	Industrial	Automotive & EV	Consumer
Talon Mini	X	X	X	X		X	X	X		
Baby King Cobra						X	X	X	X	X
Front Runner						X	X	X		
Circle Hex		X	X		X	X	X	X		

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POWER & HYBRID CONNECTORS - TECHNICAL SPECS

	Power Only	Power & Signal	Blind Mating	Size	Ideal Use
Scorpion (Series: SP, LSP)	X	X	X	Small – Large	UNIQUE POWER & SIGNAL
Goldfish (Series: GFSH)		X	X	Small – Medium	POWER SUPPLY & CONTROL
Dragonfly (Series: DF)	X	X		Small	COST SENSITIVE POWER & SIGNAL
Power Connection System (Series: PLA, PLB, PLC)	X		X	Small – Medium	COST SENSITIVE POWER HUNGRY APPLICATIONS
Great Golden (Series; GG)	X	X	X	Large	HD, EXTREME POWER & SIGNAL CONTROL
Compact Power (Series: PCIH, PCIC, PCIB, PCIM, PCIA)		X		Small – Large	POWER SUPPLY & CONTROL, COMPACT PCI SYSTEMS
AdvancedTCA (Series: VBP)		X	X	Small	ATCA SYSTEMS
Infinity (Series: MMIP, MIP, IP)	X	X	X	Medium – Large	HD POWER & SIGNAL
Safety Shroud (Series: PLS)	X			Medium	TOUCH SAFE, HIGH VOLTAGE APPLICATIONS
Autoshunt (Series: DFS, PLZ)	X			Medium	AUTO SHUNTING MULTIPLE CIRCUITS

APPLICATIONS

	Technology	Military	Aerospace / Defense	Computing & Power Supplies	Rail & Mass Transit	Oil, Gas & Energy	Medical	Off-Highway	Industrial	Test & Instrumentation	Automotive & EV
Scorpion	X		X	X					X	X	
Goldfish				X					X		
Dragonfly				X					X		X
Power Connection System	X			X				X	X		X
Great Golden		X	X	X	X	X	X	X	X	X	X
Compact Power	X			X					X	X	
AdvancedTCA	X			X					X	X	
Infinity	X			X					X	X	
Safety Shroud				X					X	X	X
Autoshunt				X					X		

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