



Positronic[®]
an Amphenol company

THE SCIENCE OF **CERTAINTY**[®]

Product Selection Guide



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Since 1966, Positronic has provided connector solutions to customers around the world. Positronic offers a wide variety of power, D-subminiature, circular and rectangular connector products and accessories. Our connectors feature precision machined contacts and can be provided to industrial, mil/aero or spaceflight performance levels to meet various target price points. Our products are used in all areas of the electronics industry from power supplies to advanced weapon systems.

OUR **MARKETS**

Aerospace & Defense

Computing & Power Supplies

Rail & Mass Transit

Industrial

Medical

Off-Highway

Oil, Gas & Energy

Test & Instrumentation

Automotive & EV

Consumer

OUR **STRENGTHS**

Solid machined contacts

Wide D-sub offering

High-efficiency power connectors

Rectangular connectors

Custom connector development


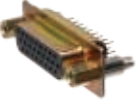






PosiBand contact technology

Service and support




		POWER ONLY	POWER & SIGNAL	BLIND MATING	SIZE	IDEAL FOR
	GOLDFISH A blind mating, low-profile power/signal connector with many options		✓	✓	Small to medium	Power supply and control
	SCORPION The most versatile power/signal connectors on the market	✓	✓	✓	Small to large	Unique power and signal needs
	DRAGONFLY An economical, miniature power/signal connector family	✓	✓		Small	Cost-sensitive, power and signal needs
	POWER CONNECTION SYSTEM Versatile power connectors utilizing size 16 contacts	✓		✓	Small to medium	Cost-effective, power hungry applications
	GREAT GOLDEN An extreme power connector capable of up to 200 amps per contact	✓	✓	✓	Large	Heavy duty, extreme power and signal control
	COMPACT POWER Plug-in power interface for CompactPCI and related platforms		✓		Small to large	Power supply and control, CompactPCI systems
	ADVANCEDTCA THE PICMG 3.0 AdvancedTCA Zone 1 connector of choice		✓	✓	Small	ATCA systems
	INFINITY Stellar blind mating, mixed density connector with robust housing	✓	✓	✓	Medium to large	Heavy duty power and signal needs
	SAFETY SHROUD Shrouded, touch-safe power connectors	✓			Medium	Touch-safe, high voltage applications







D-SUB

		#22 CONTACTS	#20 CONTACTS	#16 CONTACTS	#8 CONTACTS	M24308 & M39029	IDEAL FOR
	STANDARD DENSITY Standard density D-sub with size 20 machined contacts		✓			✓	General signal use for industrial, mil/aero and spaceflight
	HIGH DENSITY High density D-sub with size 22 machined contacts	✓				✓	General signal use for industrial, mil/aero and spaceflight
	COMBO-D Mixed density D-sub to mix power, signal, coax, high voltage and fiber optic	✓	✓	✓	✓		Power, signal, coax, high voltage and fiber optic needs
	MACH-D Standard, high, and mixed density D-sub with machined shells	✓	✓		✓		Pinnacle performance D-sub for power and signal needs
	IP67 WATERPROOF For applications requiring IP65/67 waterproofing characteristics	✓	✓				IP65/67 sealing requirements
	DUAL PORT (STACKED) Stacked right angle D-sub to save panel and board space	✓	✓		✓		Maximizing PCB space utilization
	ADAPTER/SAVER Help prevent unwanted wear during testing or act as gender changers	✓	✓		✓		Gender changing or connector saving
	HERMETIC Feedthroughs for vacuum applications	✓	✓	✓	✓		Hermetic sealing requirements

RECTANGULAR

		#22 CONTACTS	#20 CONTACTS	#16 CONTACTS	M28748 & M39029	STACKABLE
	MINI-RECTANGULAR High density connectors for rack & panel or board-to-board applications	✓			✓	
	RUGGED RACK & PANEL Robust connectors for rack & panel applications		✓	✓	✓	
	SLIM POWER Low-profile, stackable power connector		✓			✓

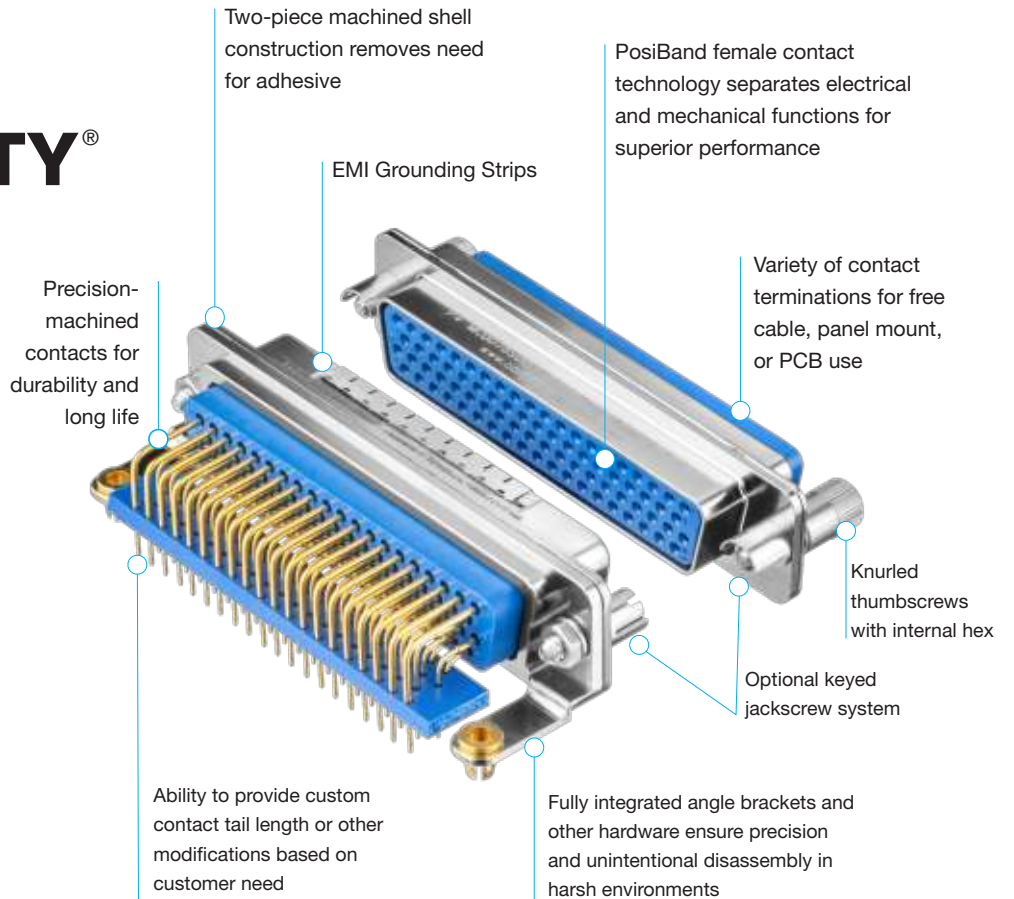
		POWER	SIGNAL	SIZE	SHELL	COUPLING NUT
	TALON Quarter-turn, metal high-reliability circular connector for power and signal use including GbE	✓	✓	Small to medium	Metal	Quarter-turn
	BABY KING COBRA Quarter-turn, economical circular connectors		✓	Small	Plastic	Quarter-turn
	FRONT RUNNER Size 11 and size 19 composite circular connectors	✓	✓	Medium to large	Plastic	Thread
	CIRCULAR HEX Circular hex connectors for legacy avionics applications		✓	Small to medium	Plastic	Optional locking ring

THE SCIENCE OF CERTAINTY®

At Positronic, we build high reliability power and signal connectors. We take pride in the meticulous manufacture of those connectors, whether they be standard off-the-shelf products or custom solutions finely tuned to customer needs.

Besides product innovation, we are also serious about building strong customer relationships based on mutual respect, benefit and value. We are looking to be partners on the same team. That is our vision.

Positronic offers rock solid, mission-critical performance upon which you can bank life and limb, family and fortune. We consider it an honor. We consider it an inviolable trust.



This image is intended to represent a small cross-section of Positronic products and capabilities. For a full list of products, visit www.connectpositronic.com/connectors.

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