

**CW**  
**INDUSTRIES**

**DISCOVER A NEW SOURCE . . .**



**. . . FOR TODAY'S SOPHISTICATED  
MILITARY ELECTRONIC REQUIREMENTS**

- **CUSTOM DESIGNED MILITARY CONNECTORS**
- **IN-STOCK, QPL INTERCONNECTION PRODUCTS**

## WHERE INNOVATION CONNECTS WITH SUCCESS

Major defense contractors rely on CW Industries for innovative connector designs and in-stock QPL interconnection products. They recognize CW as a resourceful partner with a proven track record in creating new interconnection products and developing more economical manufacturing processes for existing designs.

CW offers *total* connector development and manufacturing support. Our design teams transform your ideas into prototypes, test them in our UL, CSA and DOD-certified laboratory, and engineer the most economical production processes. Our manufacturing teams closely supervise every aspect of production, from raw materials through quality conformance.



## A RESOURCEFUL INNOVATOR

For more than 85 years, CW has reliably supplied leading consumer and defense electronics manufacturers with interconnection products for a broad range of commercial, automotive, telecommunications, and military applications. CW's production-oriented engineering staff helped DOD develop **MIL-C-83503** for Insulation Displacement Connectors (IDC). And, our modern CAD/CAM assembly facilities make the industry's only **MIL-C-24308** QPL IDC D-Subminiature Connectors, as well as **MIL-C-28804** General Purpose Rectangular Connectors. You'll find our interconnection products in major defense systems including the F-16, Standard Missile and Phalanx anti-missile systems.

Vertically integrated manufacturing plants and efficiency-minded assembly methods give CW significant quality and cost advantages over its competitors.



Subminiature high density rectangular, center jackscrew connectors used on the Standard Missile Weapon System.

Whether you are an established military supplier or bidding on a new defense contract, CW has the ingenuity and resources to help make your project a technical and financial success.

CW manages every aspect of connector manufacturing, from qualifying raw material suppliers, to tooling, automated assembly, and finished product testing in our DOD-certified lab.

Our experience in the highly competitive commercial connector market enables us to manufacture products using innovative automated assembly techniques. For smaller production runs we offer hand and semi-automatic assembly. Rigorous attention to Statistical Process Control data assures consistently high production yields of "in spec" products.

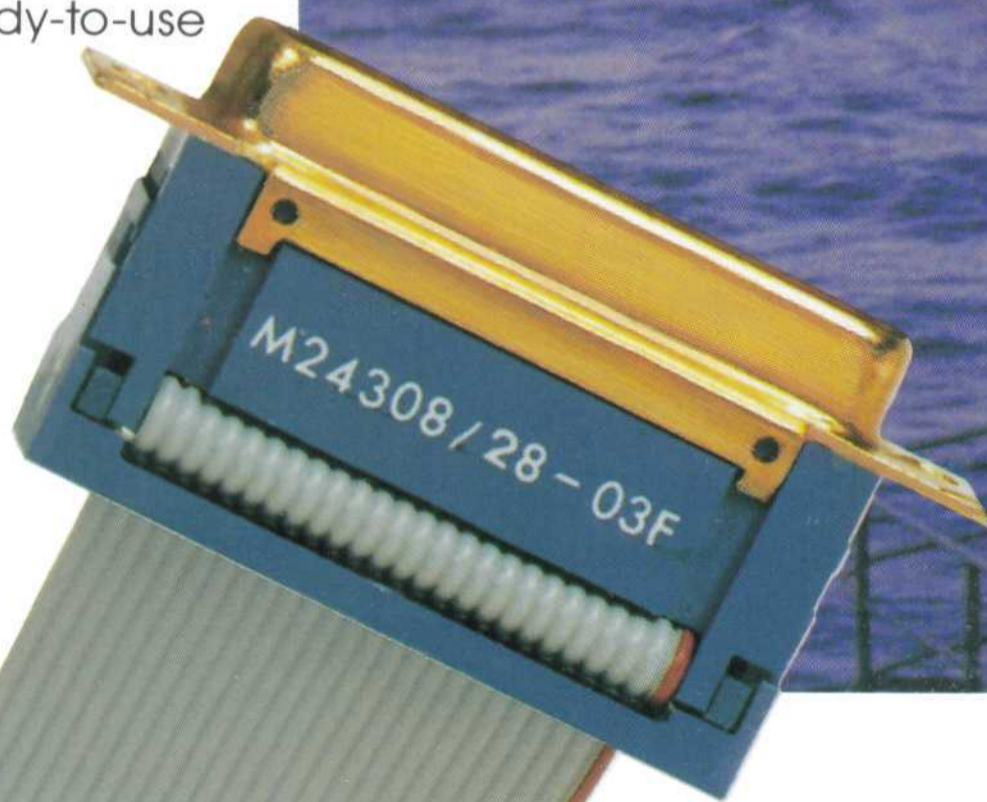
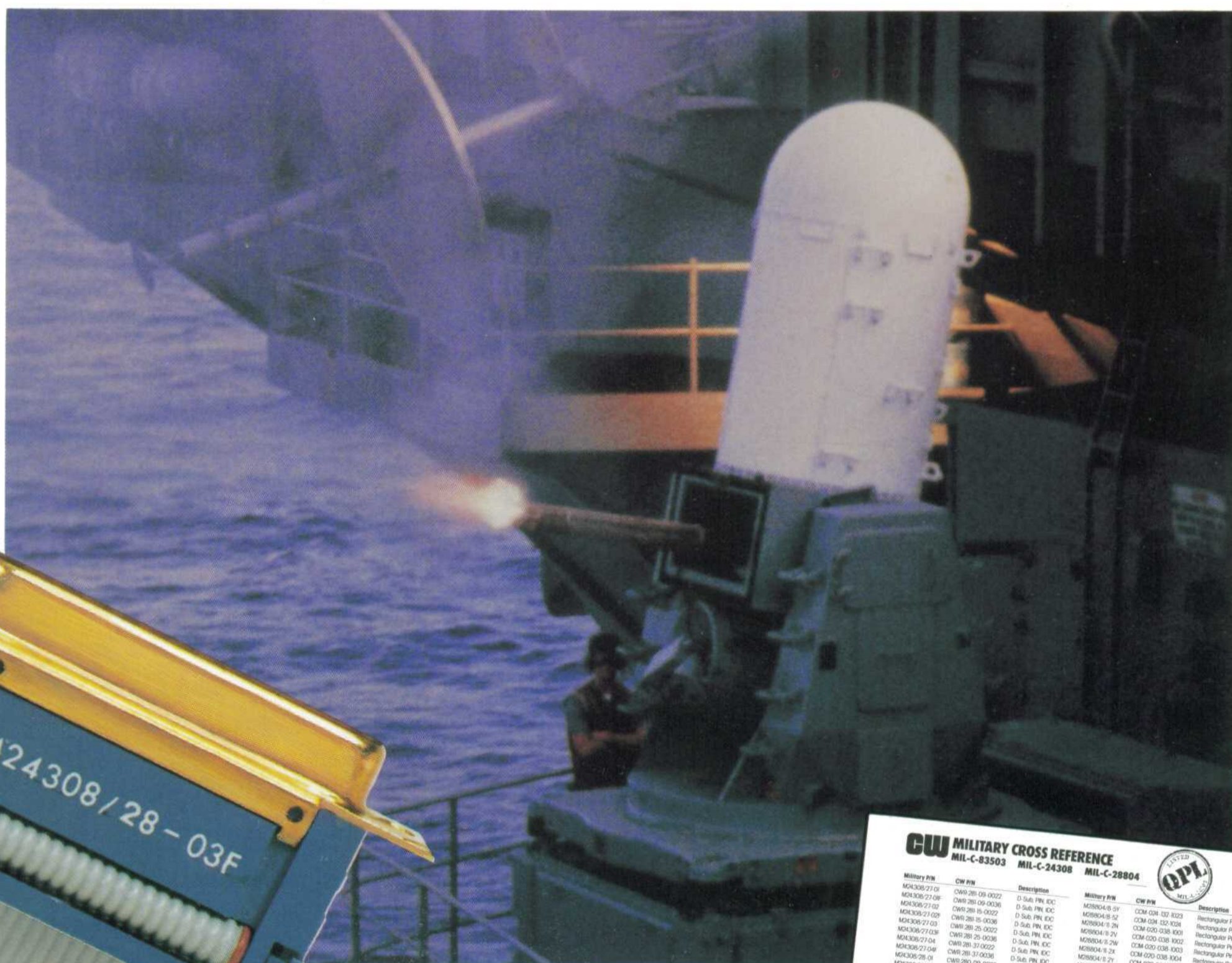
CW's focus on each of the fine production details provides necessary support that helps our customers fulfill their defense contracts more profitably.



Custom "waterproof", removeable crimp contact connectors used on the Navy's shipboard Phalanx Defensive Weapon System.

CW's success in the cost-competitive commercial connector market helped it develop a more cost effective method for manufacturing the connectors used in the Navy's Phalanx high-fire-rate, anti-missile system.

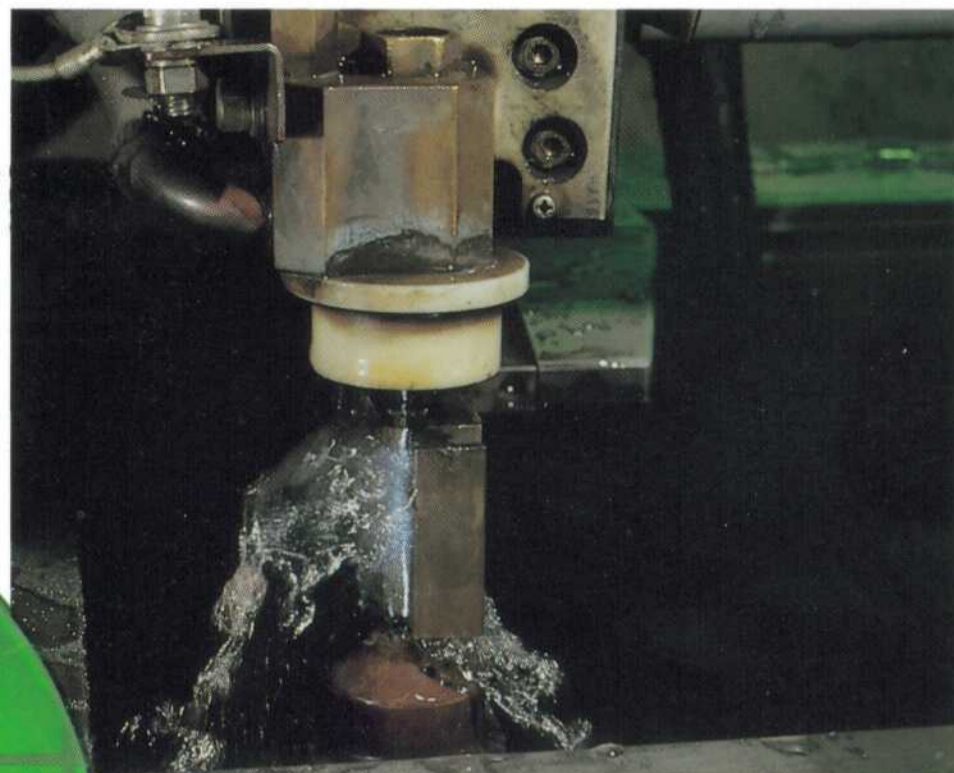
CW supplies discrete components as well as fully tested, ready-to-use assemblies.



Call 215-355-7080 for a free cross reference to CW's many QPL products. CW stocks most designs for immediate shipment.

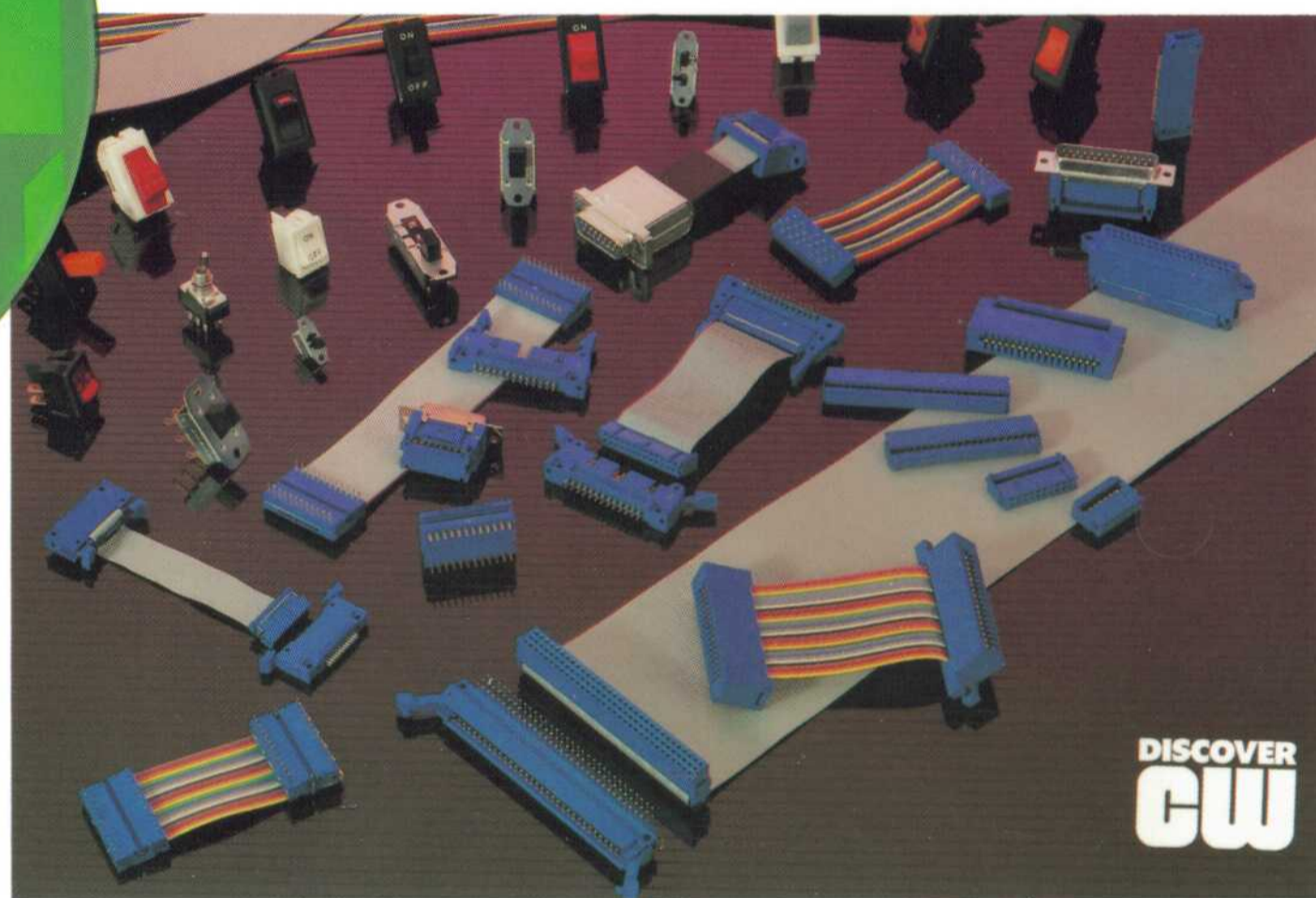
CW MILITARY CROSS REFERENCE			
MIL-C-82503		MIL-C-24208	
Military P/N	CW P/N	Description	QPL
M24308/28-03F	CW 28-03-0001	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0002	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0003	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0004	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0005	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0006	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0007	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0008	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0009	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0010	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0011	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0012	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0013	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0014	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0015	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0016	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0017	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0018	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0019	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0020	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0021	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0022	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0023	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0024	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0025	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0026	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0027	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0028	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0029	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0030	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0031	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0032	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0033	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0034	D Sub, P/N, E/C	Rectangular Pin
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M24308/28-03F	CW 28-03-0038	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0039	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0040	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0041	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0042	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0043	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0044	D Sub, P/N, E/C	Rectangular Pin
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M24308/28-03F	CW 28-03-0047	D Sub, P/N, E/C	Rectangular Pin
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M24308/28-03F	CW 28-03-0063	D Sub, P/N, E/C	Rectangular Pin
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M24308/28-03F	CW 28-03-0065	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0066	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0067	D Sub, P/N, E/C	Rectangular Pin
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M24308/28-03F	CW 28-03-0099	D Sub, P/N, E/C	Rectangular Pin
M24308/28-03F	CW 28-03-0100	D Sub, P/N, E/C	Rectangular Pin

# COMPLETE CAPABILITIES



CW's vertically integrated connector design and manufacturing facilities provide maximum quality and cost control.

- CAD/CAM support
- Fully automated manufacturing
- Computer assisted mold and die production
- High temperature plastic molding
- Progressive die stamping
- Selective and duplex plating
- DOD, UL and CSA certified laboratories
- State-of-the-art quality assurance
- Statistical process control



## THE COMPLETE SOURCE

### TORQ-TITE™ IDC CONNECTOR SYSTEM

The complete line of .050" center IDC cable and connectors for mass termination. Catalog includes design and application data on DIP's, PCB's, sockets, headers, card edge and D-subminiature connectors as well as cable and assembly tooling.

### NANO MICROMINIATURE INTERCONNECTION SYSTEM

Catalog introduces the latest advancement in interconnect technology. A complete system of microminiature connectors mating to .025" center cable. Provides comprehensive data on the full

array of connector options, including high temperature versions for surface mount applications.

### AMERICAN DIN CONNECTOR SYSTEM

Details the world's first solution to the "rats nest" of DIN interconnections. Patented IDC DIN socket mates to 96 conductor flat cable for easy busing of all three rows without crimping, soldering or need to wire-wrap individual wires. Ejection-latch headers and shrouds for pre-designed backplanes complete the system.

Call or write for your FREE catalogs.

CW connectors are covered under multiple U.S. and International design patents.

# CW INDUSTRIES

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CWM 0291-5M