

Manufacturers' Representative
for Electrical Connectors,
Components, EMI Backshells,
and Cable Assemblies



2524 Oak Park Ave
Dayton, OH 45419
Phone: 937-356-8958
Charles@GelmSolutions.com



Hyperboloid Contacts and Connectors

Advantages:

VLIF – Very low insertion force
Shock proof contacts & connectors
Low Contact Resistance
100,000 + mating cycles
High Power Contacts – 300+ Amps

Connector Families

.100" pitch .50" offset
low profile (of HGM)
.075" pitch, 4,6,8 row
.075" pitch, 2,3 row
.100" X .100"

Hi-Speed cPCI/VPX

.050" pitch, 2 row

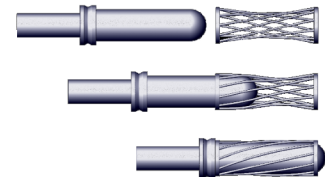
Hybrid connector, #8 - #28 contacts

Mil QPL

MIL-DTL-55302

Mil P/Ns

M55302



Electrical Connectors, Contacts & Accessories

Custom circular connectors - integrated
backshells, PC Tails, double flange,
PCB standoff, hermetic and filtered.

Contacts: AS39029, BACC, EN,
ARINC 801, PC Tail, Thermocouple,
Coaxial, Wire Trap, and custom.

Backshells: M85049, Backshells and
accessories for most circular and
rectangular connectors

Connector Families

MIL-DTL-38999 Series I, II & III

MIL-DTL-26482 Series II

ARINC 404 and ARINC 600

MIL-DTL-5015 Series III

and MIL-DTL-83723 Series III

MIL-DTL-24308

Franchise distributor for ADI Electronics,
Amphenol PCD, Arizona Connector and
Design, Carlisle Tri-Star, Corsair,
Compaero, Cinch, Positronic, Radiall,
Preci-Dip, Ulti-Mate, Eaton Souriau, SPI,
EMI Solutions, and TE Connectivity
(Deutsch)



Designer and manufacturer of electronic
components & interconnect solutions.

Capability: Machining, Molding, Stamping,
Assembly, Coil Winding, Toolroom, Prototype
& Design Assistance, IPC610 Soldering.

Electro Mechanical Products

Sockets, Contacts and Connector Pins,
Shorting Links, Spring Loaded Contacts and
Connector Assemblies (Including custom
design), Polygon Pins and Wire Wrap
Terminals, Insulated and Non-insulated
Terminals, Hardware & Accessories, Relay
Bases and Adapters, Cable Assemblies,
Custom RF Connectors and Filtered Terminals.

Inductive Products

Air Coils, Variable Coils, Common Mode
Chokes, Toroidals, Wire Wound Chips,
Drum Cores, RFIDs, Transformers and
Custom Assemblies



Custom, High-Performance, RF Cable
Assemblies

AS9100 revision C, ISO9001, IPC
610/620, ITAR Registration



Superior EMI/RFI Shielding Performance



Backshells

Circular, Rectangular,
Bulkhead, Super Short
Circular, Shorting Cap,
Integrated Strain Relief,
RJ45, Splice Kit

Springs

ISOTDS Series (M32628/01)

Benefits

No tools required
No solder sleeves
100% field repairable



a Division of Isodyne Inc.



Mil/Industrial Circular Connectors, Power
Distribution Boxes and Cable Assemblies

Connector Families

5015 Series I, II, Reverse Bayonet

26482 Series I

22992 Class L, QWLD

Mil QPL

MIL-DTL-5015, MIL-DTL-26482,
MIL-DTL-22992

Mil P/Ns

MS310*, MS311*, MS9055*



Micro and Nano-D Connectors and
Assemblies

Connector Families

Micro-D Connectors

Nano Connectors

High Temp Connectors – 200C
Multi Connector Harnesses

Low Profile Connectors

Hybrid Power Connectors

Non Magnetic Connectors

PEEK Circular Micro Connectors

Custom Designed Connectors

Mil QPL

MIL-DTL-83513

Mil P/Ns

M83513