

# IEH

Since 1941, IEH has been manufacturing superior products for demanding applications. Whether it's printed circuit board connectors, signal or power contacts, or custom interconnects, focus is delivering the right connector solution.

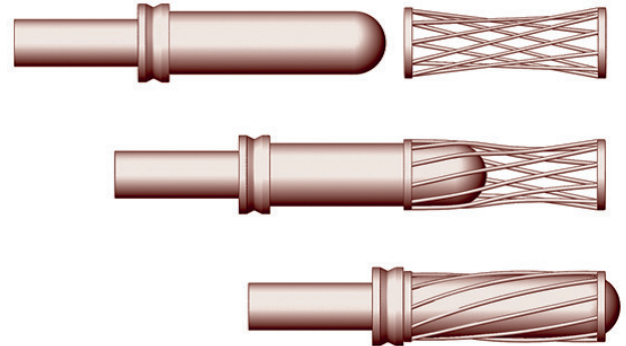


[www.iehcorp.com](http://www.iehcorp.com)

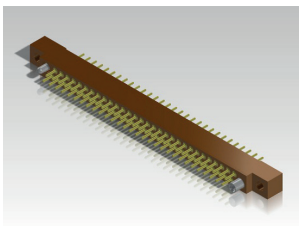
## ● Hyperboloid Technology

Utilized in all of our receptacle connectors, this unique design offers superior capability in every critical parameter of connector performance:

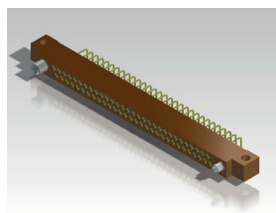
- ◆ Very low insertion force
- ◆ All but impervious to shock & vibration (Test exceed 300 g's without discontinuity.)
- ◆ 100,000 minimum duty cycles
- ◆ Extremely low contact resistance
- ◆ Improved current carrying capacity (The low contact resistance gives a lower °C rise from ambient under load. This feature often allows the user to operate the same size contact under higher load.)
- ◆ High reliability



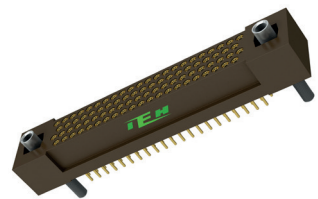
## PCB CONNECTORS



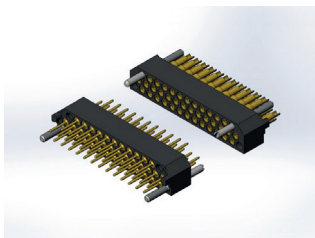
HGM Series - .100" centers  
10-208pos  
M55302 /55 /64



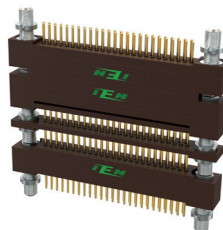
HRM Series - .075" centers  
2 & 3 row 10-206pos  
M55302 /190 /193



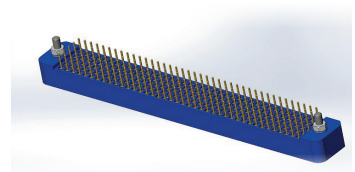
HMM Series - .075" centers  
4, 6 & 8 row 58-604pos



HGC/HGS Series  
Low-Profile for parallel boards  
22-90pos



HVM Series - .050" centers  
2-row  
10-100pos

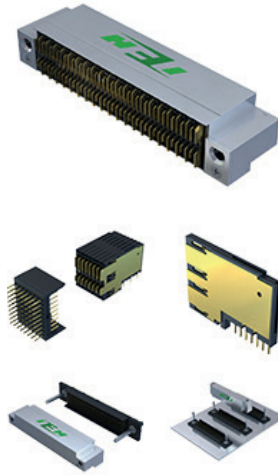


HMK Series - .100" centers,  
2, 3, 4 & 5 row  
17-490pos

## HYPERKINETIC® CONNECTORS - HIGH SPEED, HIGH DENSITY MODULAR



HKC (cPCI Series)



HKX (VPX-Compatible Series)

- ◆ Interchangeable with COTS board layout, but with Hyperboloid Contact System
- ◆ 2mm Footprint of cPCI PICMG 2.0
- ◆ LCP Insulator Meets Outgassing Requirements
- ◆ Press-fit or Solder tail Terminations

- ◆ VITA-46 Platform
- ◆ Data Rates up to 10 Gbps
- ◆ 3U, 6U and Custom Configurations
- ◆ Custom Wafer Design for Mixing
- ◆ Differential and Single-ended Circuits
- ◆ Press-fit or Solder tail Terminations

### CABLE CONNECTORS / ASSEMBLIES



- ◆ Flex Cable
- ◆ Solder or Crimp Terminations

### CONTACTS



- ◆ Discrete PCB contacts
- ◆ Power contacts
- ◆ Custom Contacts

### CUSTOM PRODUCTS

