



**ZEONICS SYSTECH**  
DEFENCE & AEROSPACE ENGINEERS (P) LTD.



# High Voltage Connectors



We at Zeonics manufacture High Voltage Connectors which are used for several applications, with ratings of 3kV to 400kV.

These Connectors are manufactured using state of the art technology, profile, materials and metallurgy so that they work well for a long duration. All connectors are designed and developed in-house and manufactured so that the customer gets the advantage of simplicity.

Proudly Made in INDIA





### High Voltage Multi-pin Connectors

1. Voltage : 40kV DC, 60kVDC, 100kV DC, 150kV DC
2. Current : 20A/40A/60A
3. Peak Current : 2kA/5kA/10kA
4. Connector : Brass gold plated
5. Type No. : Z/29/154



### High Voltage Connector Blocks

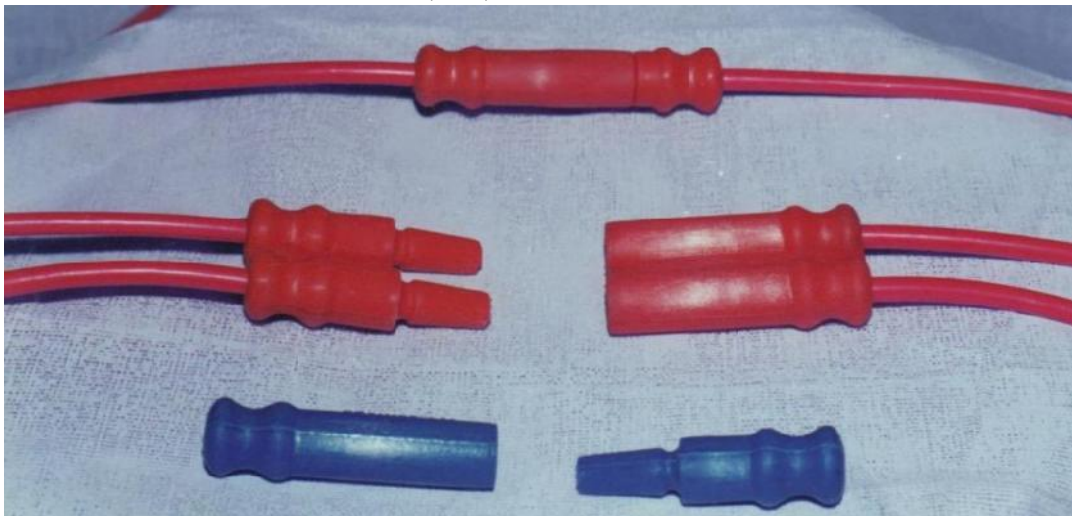
- |                  |         | Current                  | Peak Current |
|------------------|---------|--------------------------|--------------|
| 1. Voltage Range | : 20kV  | 2A - 10A                 | 20kA         |
|                  | 40kV    | 2A - 10A                 | 20kA         |
|                  | 60kV    | 2A - 10A                 | 20kA         |
|                  | 100kV   | 2A - 10A                 | 20kA         |
| 2. No of Ways    | : 2way  | Type No: Z/8/144, Z/8/39 |              |
|                  | : 4way  | TypeNo: Z/8/39           |              |
|                  | : 6way  | TypeNo: Z/8/39, Z/16/19  |              |
|                  | : 12way | Type No: Z/42/AMJI       |              |





### High Voltage Miniature Air Borne Connector

1. Working Voltage : 3kV DC/5kV DC/ 10kV DC
2. Test Voltage : 5kV DC /10kV DC/20kV DC
3. Current : 1.0A/3.0A/5.0A
4. No of ways : 5, 8, 10, 12
5. Type No. : Z/41/82



### High Voltage Inline Connectors

1. Working voltage : 20kV DC, 25kV DC
2. Operating current : Typically 10A continuous, 1kA Pulsed current.
3. The connector comes with both side wires, Soldered & moulded with silicone wire in 25kV DC wire with 2 meters length.
4. Material : Silicone sizes 001, 002, 003, 004
5. Type : Connector inline to join wires in the air at high voltage.
6. Types Available : Single pin, double pin, Four in one
7. Type No. : ZHS/001/072



### High Voltage DC + Pulse Connector

1. Maximum voltage : 40kV DC + Pulse voltage 30kV pulse
2. Max DC Isolation : 60kV DC
3. Type No. : Z/34/166

### Applications

These systems are used wherever High Voltage has to be connected from one place to another place with safety in mind. The greatest advantages of this system are the safety aspects. We can easily generate high voltage upto 150kV and keep it plugged in different areas when they are going from a power supply to resistor for charging or from resistor to even a capacitor, etc.

### Advantages

Our connectors are quiet safe, light weight, compact, rugged, and easily deployable at different places including in weapon systems. Many different configurations can be made, with minimum one input and upto 20 outputs. We also make in line connectors as well as high voltage trigger connectors where we have feed-throughs also coming out for trigger applications.

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