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HiPer-D Connectors

- Advanced temperature, vibration and EMC/electrical performance
- 11 standard and 20 combo insert arrangements
- High temperature epoxy insulators
- Watertight sealing
- Rugged machined one-piece shell

A detailed cross-sectional diagram of a high temperature socket contact assembly. The assembly is housed within a green hatched 'Machined Shell'. A central silver-colored contact pin, labeled '#20 or #22 M39029 Socket Contact', is held in place by a yellow 'Copper Alloy Contact Retention Clip'. To the right of the contact pin is a red cylindrical 'Copper Alloy Insert', which is secured by another yellow 'Copper Alloy Insert Retention Clip'. A grey 'Sealing Compound' is applied between the shell and the insert. A blue hatched 'Grommet' is located at the rear of the assembly. The entire assembly is mounted on a grey base, which is secured by a yellow 'High Temperature Thermoset Epoxy Front and Rear Insulator'.

#20 or #22 M39029
Socket Contact
Copper Alloy Contact
Retention Clip
Copper Alloy Insert
Retention Clip
Sealing
Compound
Machined
Shell
High Temperature
Thermoset Epoxy
Front and Rear Insulator
Grommet