



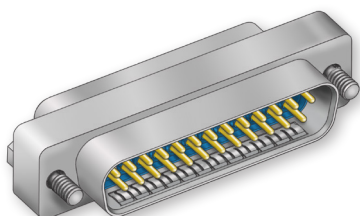
Sav-Con[®] connector savers

HiPer-D[®] Series 28 D-Subminiature

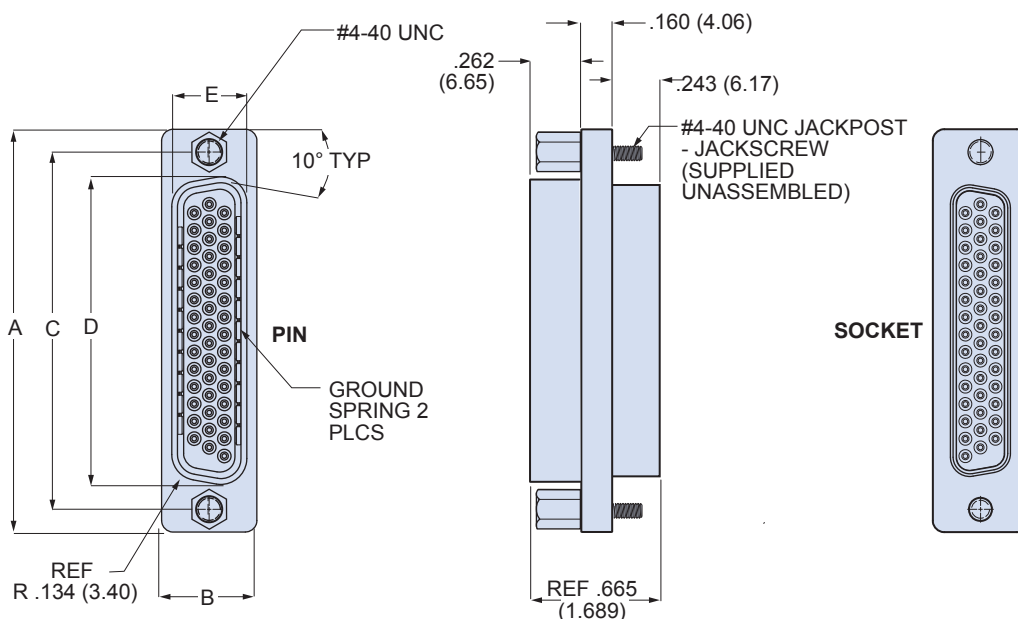
289-012 Standard and High Density



Sav-Con[®] D-Subminiature Connector Saver



Low profile one-piece machined aluminum housing and ground spring protects circuits from EMI problems. Available in standard density and high density contact arrangements. Pin mating face has fluorosilicone rubber seal. Choose electroless nickel shell finish for avionics and space applications. Choose cadmium for compatibility with cadmium or zinc plated M24308 connectors, or choose nickel-PTFE for maximum corrosion protection. Other materials and finishes available on request.



| Dimensions | | | | | | | | | | |
|------------|--------|--------|--------|--------|---------|-------|--------|--------|--------|--------|
| Shell Size | A | | B | | C Basic | | D | | E | |
| | in | mm | in | mm | in. | mm | in | mm | in | mm |
| | ± .015 | ± 0.38 | ± .015 | ± 0.38 | in. | mm | ± .005 | ± 0.13 | ± .005 | ± 0.13 |
| 1 | 1.213 | 30.81 | .494 | 12.55 | .984 | 24.99 | .726 | 18.44 | .389 | 9.88 |
| 2 | 1.541 | 39.14 | .494 | 12.55 | 1.312 | 33.32 | 1.054 | 26.77 | .389 | 9.88 |
| 3 | 2.088 | 53.04 | .494 | 12.55 | 1.852 | 47.04 | 1.594 | 40.49 | .389 | 9.88 |
| 4 | 2.729 | 69.32 | .494 | 12.55 | 2.500 | 63.50 | 2.242 | 56.95 | .389 | 9.88 |
| 5 | 2.635 | 66.93 | .605 | 15.37 | 2.406 | 61.11 | 2.139 | 54.33 | .501 | 12.73 |
| 6 | 2.729 | 69.32 | .668 | 16.97 | 2.500 | 63.50 | 2.272 | 57.71 | .563 | 14.30 |

| Materials and Finishes | |
|------------------------|--|
| Shell | Aluminum alloy |
| Contacts | Copper alloy, 50 microinches gold plated, SST hood |
| insulator | Thermoset epoxy |
| interfacial Seal | Fluorosilicone rubber |
| Hardware | 300 series stainless steel |

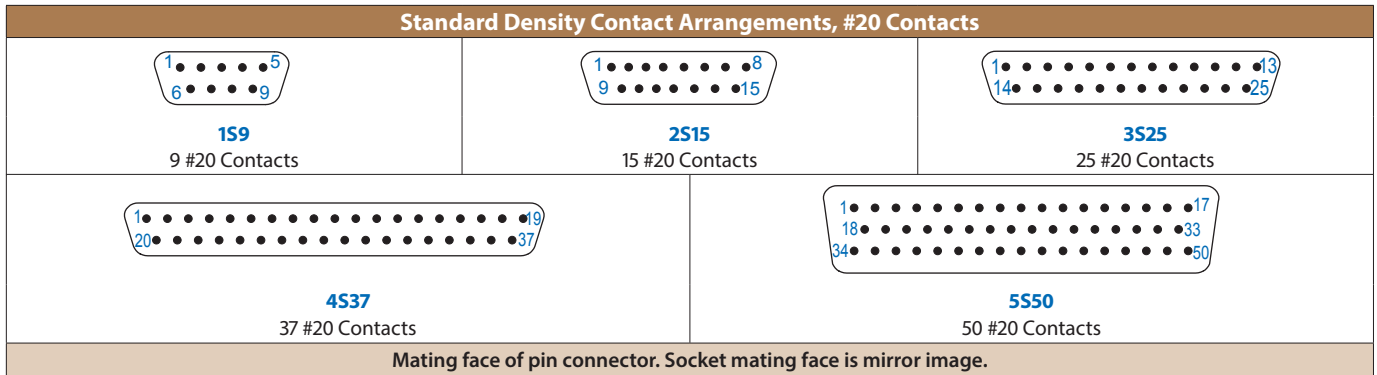
| Specifications | |
|---------------------------|--|
| Current Rating | #22D 5 AMPS, #20 7.5 AMPS |
| Test Voltage | 1000 VAC RMS |
| Insulation Resistance | 5000 megohms minimum |
| Operating Temperature | -65° C. to +200° C. |
| Ingress Protection | IP 67 |
| Shock | 300 g. |
| Vibration, Random | 43.92 g. |
| Magnetic Permeability | 2 μ maximum |
| Outgassing ⁽¹⁾ | Postcure required to meet ASTM E595 NASA requirement |



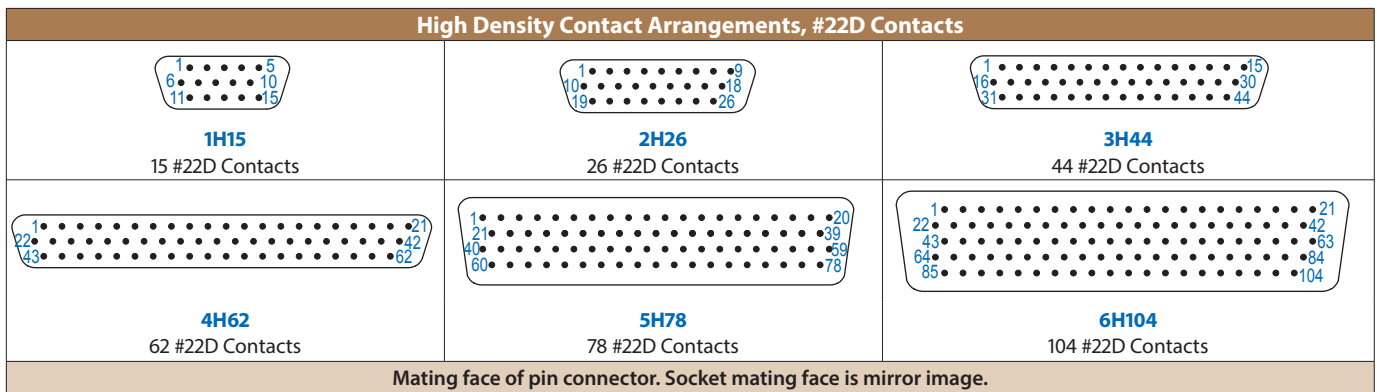
Sav-Con[®] connector savers

HiPer-D[®] Series 28 D-Subminiature

289-012 Standard and High Density



| Standard Density HiPer-D Sav-Con [®] | | | | |
|---|------------|---|---|---------------------------------|
| No. of Contacts | Shell Size | Electroless Nickel Space, Avionics (ME) | Nickel-PTFE Maximum Corrosion Protection (MT) | Cadmium General Purpose (JF) |
| 9 | 1 | 289-0121S9MEGR | 289-0121S9MTGR | 289-0121S9JFGR |
| 15 | 2 | 289-0122S15MEGR | 289-0122S15MTGR | 289-0122S15JFGR |
| 25 | 3 | 289-0123S25MEGR | 289-0123S25MTGR | 289-0123S25JFGR |
| 37 | 4 | 289-0124S37MEGR | 289-0124S37MTGR | 289-0124S37JFGR |
| 50 | 5 | 289-0125S50MEGR | 289-0125S50MTGR | 289-0125S50JFGR |



Outgassing Note

Note (1) HiPer-D Sav-Cons will not meet NASA outgassing requirements without special processing. Refer to Series 28 HiPer-D catalog, Section B "HiPer-D Connectors for Space Flight," or www.glenair.com for complete information.

| High Density HiPer-D Sav-Con [®] | | | | |
|---|------------|---|---|----------------------------------|
| No. of Contacts | Shell Size | Electroless Nickel Space, Avionics (ME) | Nickel-PTFE Maximum Corrosion Protection (MT) | Cadmium General Purpose (JF) |
| 15 | 1 | 289-0121H15MEGR | 289-0121H15MTGR | 289-0121H15JFGR |
| 26 | 2 | 289-0122H26MEGR | 289-0122H26MTGR | 289-0122H26JFGR |
| 44 | 3 | 289-0123H44MEGR | 289-0123H44MTGR | 289-0123H44JFGR |
| 62 | 4 | 289-0124H62MEGR | 289-0124H62MTGR | 289-0124H62JFGR |
| 78 | 5 | 289-0125H78MEGR | 289-0125H78MTGR | 289-0126H78JFGR |
| 104 | 6 | 289-0126H104MEGR | 289-0125H104MTGR | 289-0126H104JFGR |