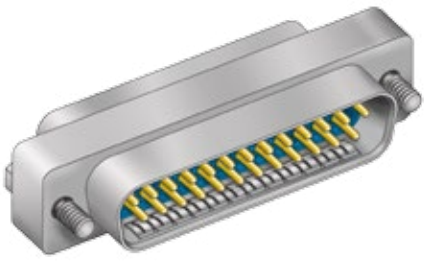
HiPer-D Accessories

Sav-Con® D-subminiature connector saver

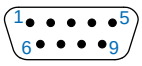
289-012



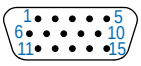
Prevent damage to expensive instruments and cables with Glenair HiPer-D Sav-Cons®. One side is a pin connector and the other side is a socket connector. Low profile one-piece machined aluminum housing and ground spring protect circuits from EMI problems. Contacts are heavy gold plated for improved durability. Available in standard density and high density contact arrangements. Contacts are factory-installed. Pin mating face has fluorosilicone rubber seal. Choose electroless nickel or gold 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.

How To Order							
Contact Size	**Contact Density**	**No. of Contacts**	**Shell Size**	**Electroless Nickel Shell Finish** *Space, Avionics (ME)*	**Gold Plated Shell** *Space (Z2)*	**Nickel-PTFE Finish** *Maximum Corrosion Protection (MT)*	**Cadmium Shell Finish** *General Purpose (JF)*
#20	Standard	9	1	**289-0121S9MEGR**	**289-0121S9Z2GR**	**289-0121S9MTGR**	**289-0121S9JFGR**
		15	2	**289-0122S15MEGR**	**289-0122S15Z2GR**	**289-0122S15MTGR**	**289-0122S15JFGR**
		25	3	**289-0123S25MEGR**	**289-0123S25Z2GR**	**289-0123S25MTGR**	**289-0123S25JFGR**
		37	4	**289-0124S37MEGR**	**289-0124S37Z2GR**	**289-0124S37MTGR**	**289-0124S37JFGR**
		50	5	**289-0125S50MEGR**	**289-0125S50Z2GR**	**289-0125S50MTGR**	**289-0125S50JFGR**
#22	High Density	15	1	**289-0121H15MEGR**	**289-0121H15Z2GR**	**289-0121H15MTGR**	**289-0121H15JFGR**
		26	2	**289-0122H26MEGR**	**289-0122H26Z2GR**	**289-0122H26MTGR**	**289-0122H26JFGR**
		44	3	**289-0123H44MEGR**	**289-0123H44Z2GR**	**289-0123H44MTGR**	**289-0123H44JFGR**
		62	4	**289-0124H62MEGR**	**289-0124H62Z2GR**	**289-0124H62MTGR**	**289-0124H62JFGR**
		78	5	**289-0125H78MEGR**	**289-0125H78Z2GR**	**289-0125H78MTGR**	**289-0125H78JFGR**
		104	6	**289-0126H104MEGR**	**289-0126H104Z2GR**	**289-0126H104MTGR**	**289-0126H104JFGR**

STANDARD AND HIGH DENSITY CONTACT ARRANGEMENTS *(face view of pin connector)*



1S9
9 #20 Contacts



1H15
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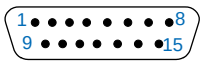

2S15
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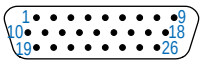

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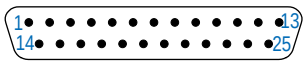

3S25
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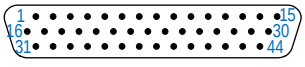

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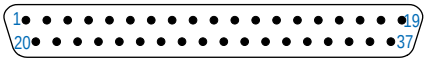

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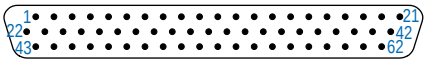

4H62
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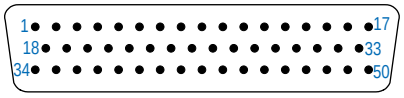

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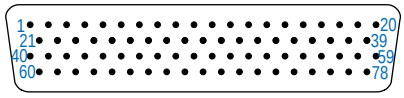

5H78
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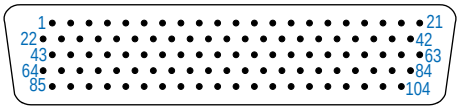

6H104
104 #22 Contacts

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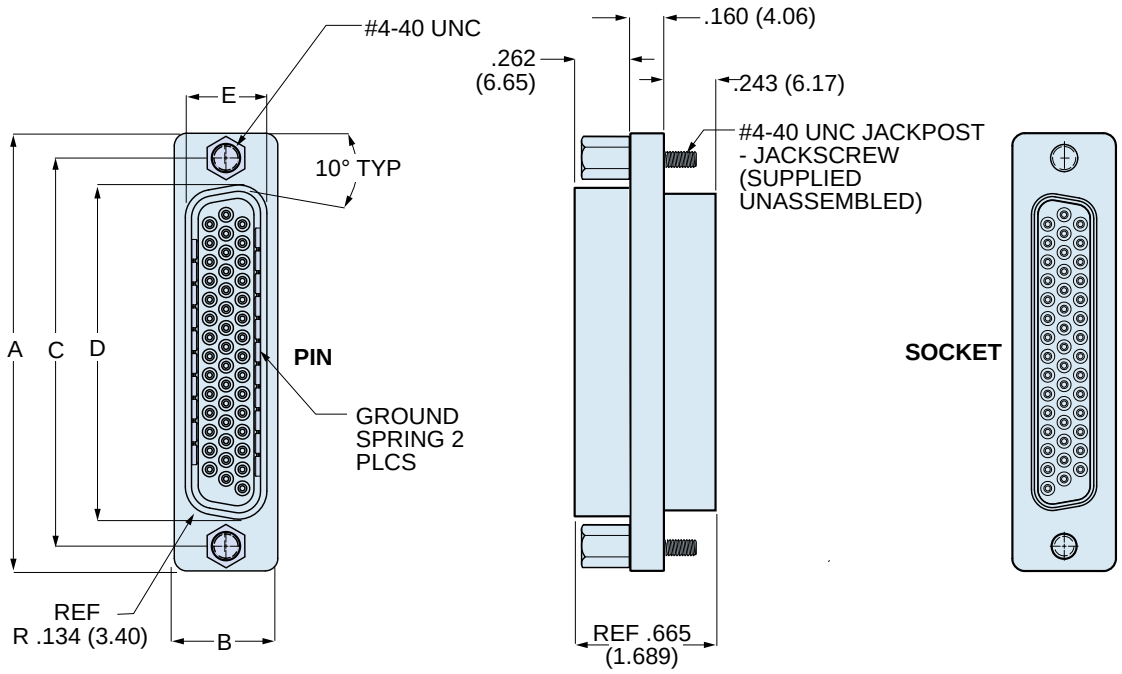
289-012 SAV-CON MATERIALS, FINISHES AND SPECIFICATIONS

Specifications	
Current Rating	#20 7.5 AMPS, #8 40 AMPS
Test Voltage	1000 VAC RMS
Insulation Resistance	5000 megohms minimum
Operating Temperature	-65° C. to +200° C.
Shock	300 g.
Vibration, Random	43.92 g.

Materials and Finishes	
Shell	Aluminum alloy
Contacts	Copper alloy, 50 microinches gold
Insulator	Thermoset epoxy
EMI Spring	Copper alloy, nickel plated
Face Seal	Fluorosilicone rubber
Hardware	300 series stainless steel

289-012 SAV-CON DIMENSIONS



Shell Size	A		B		C Basic		D		E		F		G	
	In . ± .015	mm. ± 0.38	In . ± .015	mm. ± 0.38	In.	mm.	In . ± .005	mm. ± 0.13	In . ± .005	mm. ± 0.13	In . ± .005	mm. ± 0.13	In . ± .005	mm. ± 0.13
1	1.213	30.81	.494	12.55	.984	24.99	.726	18.44	.329	8.36	.311	7.90	.643	16.33
2	1.541	39.14	.494	12.55	1.312	33.32	1.054	26.77	.329	8.36	.311	7.90	.971	24.66
3	2.088	53.04	.494	12.55	1.852	47.04	1.594	40.49	.329	8.36	.311	7.90	1.511	38.38
4	2.729	69.32	.494	12.55	2.500	63.50	2.242	56.95	.329	8.36	.311	7.90	2.159	54.84
5	2.635	66.93	.605	15.37	2.406	61.11	2.139	54.33	.441	11.20	.423	10.74	2.064	52.43
6	2.729	69.32	.668	16.97	2.500	63.50	2.272	57.71	.503	12.78	.486	12.34	2.189	55.60

