



Sav-Con® connector savers

HiPer-D® Series 28 D-Subminiature

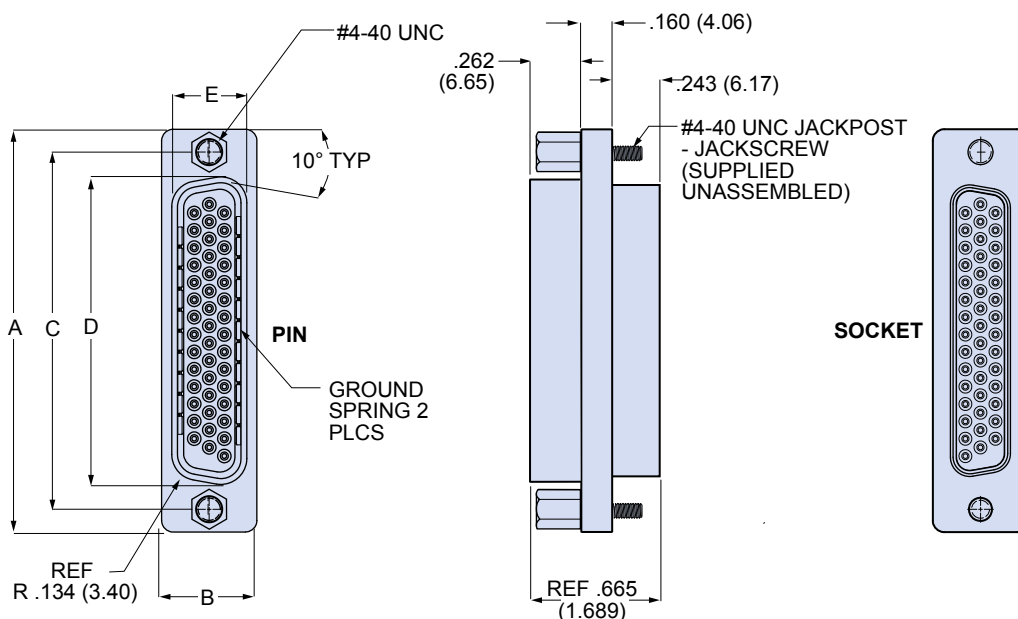
289-012 Standard and High Density



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 ± .015	mm ± 0.38	in ± .015	mm ± 0.38	in.	mm	in ± .005	mm ± 0.13	in ± .005	mm ± 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

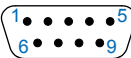
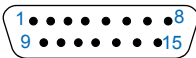
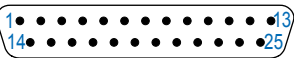
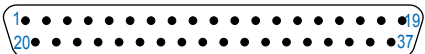


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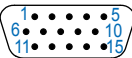
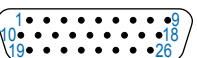
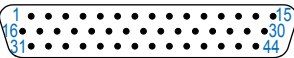
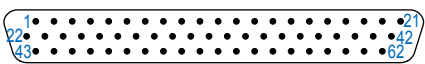
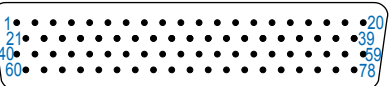
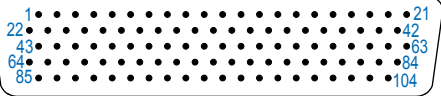
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289-012 Standard and High Density



Standard Density Contact Arrangements, #20 Contacts		
 1S9 9 #20 Contacts	 2S15 15 #20 Contacts	 3S25 25 #20 Contacts
 4S37 37 #20 Contacts	 5S50 50 #20 Contacts	
Mating face of pin connector. Socket mating face is mirror image.		

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

High Density Contact Arrangements, #22D Contacts		
 1H15 15 #22D Contacts	 2H26 26 #22D Contacts	 3H44 44 #22D Contacts
 4H62 62 #22D Contacts	 5H78 78 #22D Contacts	 6H104 104 #22D Contacts
Mating face of pin connector. Socket mating face is mirror image.		

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	289-0125H78JFGR
104	6	289-0126H104MEGR	289-0125H104MTGR	289-0125H104JFGR

Mouser Electronics

Authorized Distributor

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