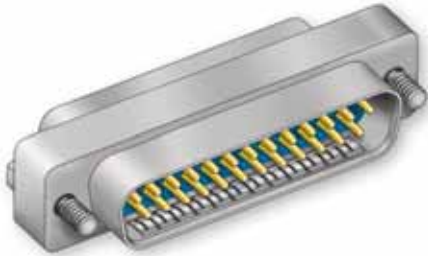


289-012
Series 28 HiPer-D
Sav-Con® D-Subminiature Connector Saver



Sav-Con® D-Subminiature Connector Saver



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 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.

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

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 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	289-0126H104MTGR	289-0126H104JFGR

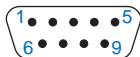
OUTGASSING NOTE

Note (1) HiPer-D Sav-Cons will not meet NASA outgassing requirements without special processing. Refer to Section B "HiPer-D Connectors for Space Flight" for additional information.

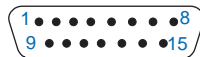
MATERIALS AND FINISHES

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

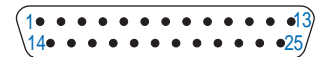
STANDARD DENSITY CONTACT ARRANGEMENTS, #20 CONTACTS



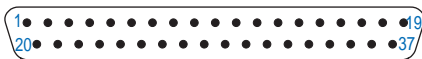
1S9
9 #20 Contacts



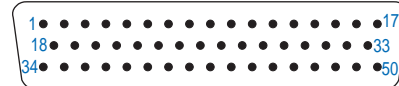
2S15
15 #20 Contacts



3S25
25 #20 Contacts



4S37
37 #20 Contacts



5S50
50 #20 Contacts

Mating face of pin connector. Socket mating face is mirror image.

Dimensions in inches (millimeters) and are subject to change without notice.



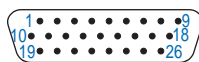
289-012
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Sav-Con® D-Subminiature Connector Saver

HIGH DENSITY CONTACT ARRANGEMENTS, #22D CONTACTS

Mating face of pin connector. Socket mating face is mirror image.



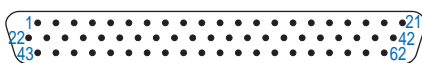
1H15
15 #22D Contacts



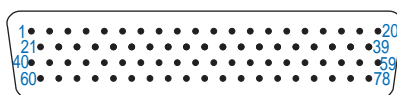
2H26
26 #22D Contacts



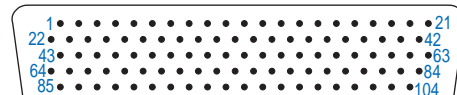
3H44
44 #22D Contacts



4H62
62 #22D Contacts

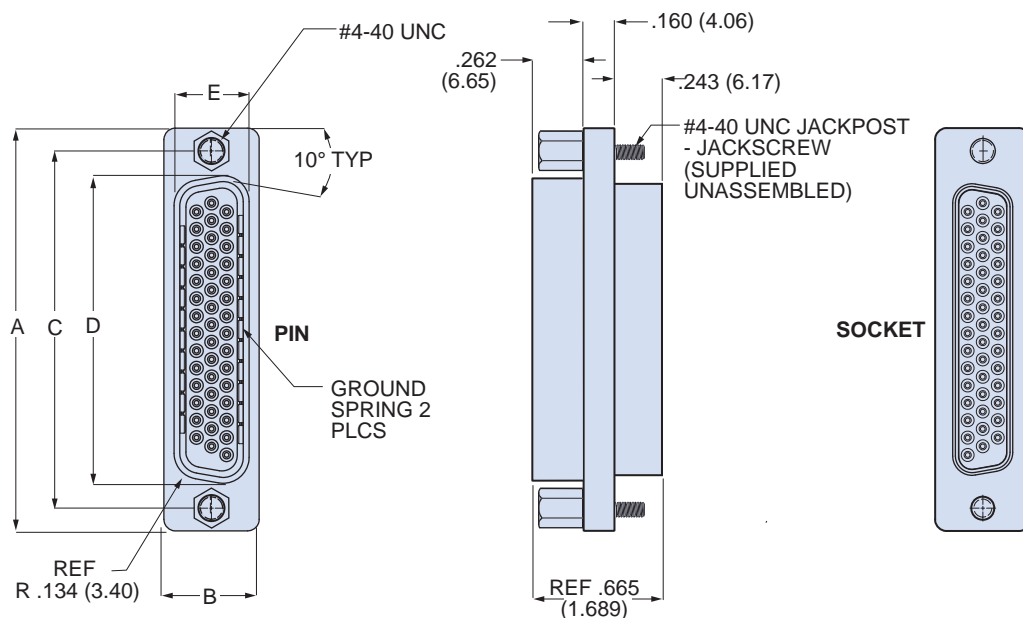


5H78
78 #22D Contacts



6H104
104 #22D Contacts

289-012 DIMENSIONS



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

Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

Printed in U.S.A.

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