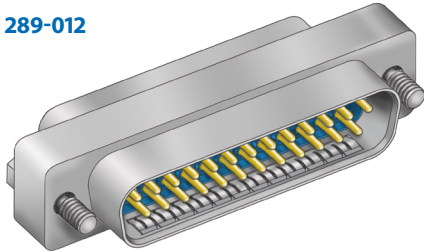


SERIES 28 HiPer-D® Accessories



Sav-Con® D-subminiature connector saver 289-012

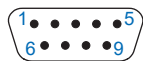
289-012



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.

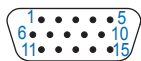
Ordering Information					
Sample Part Number	289-012	3S25	ME	G	R
Basic Part Number	289-012 Sav-Con® D-subminiature connector saver				
Shell Size/Insert Arrangements	See Contact Arrangement tables				
Shell Finish	ME - Electroless Nickel Over Aluminum MT - Nickel Fluorocarbon Over Aluminum Z1 - Passivated Stainless ZM - Electroless Nickel Over Stainless JF - Yellow Chromate Over Cadmium Z2 - Gold Over Aluminum				
Grounding Option	G - EMI/Grounding		N - None		
Hardware Options	R - Free Rotating Hardware		N - No Hardware		

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



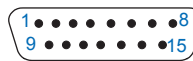
1S9

9 #20 Contacts



1H15

15 #22 Contacts



2S15

15 #20 Contacts



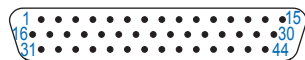
2H26

26 #22 Contacts



3S25

25 #20 Contacts



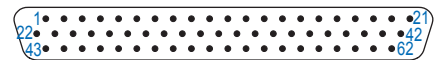
3H44

44 #22 Contacts



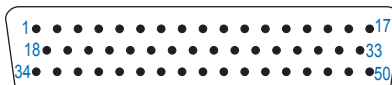
4S37

37 #20 Contacts



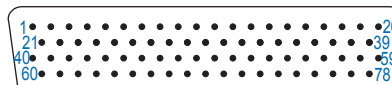
4H62

62 #22 Contacts



5S50

50 #20 Contacts



5H78

78 #22 Contacts



6H104

104 #22 Contacts



SERIES 28 HiPer-D® Accessories



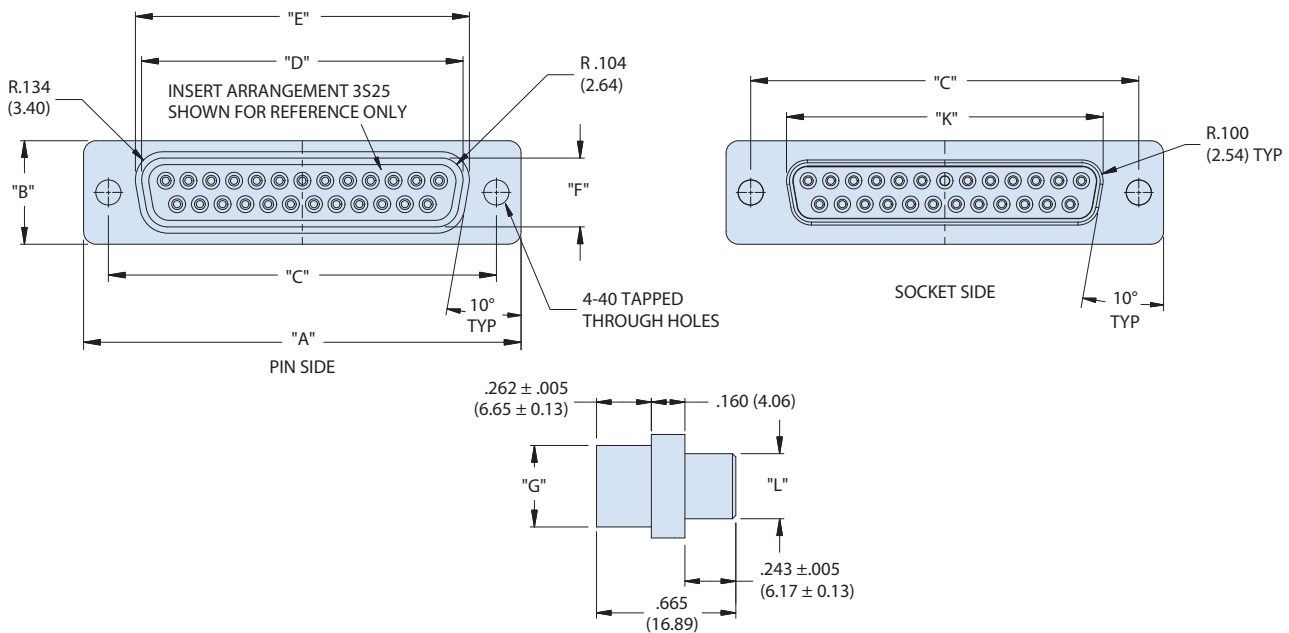
Sav-Con® D-subminiature connector saver 289-012

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		D		E		F		G		K		L	
	In .	mm.	In .	mm.	In .	mm.	In .	mm.	In .	mm.	In .	mm.	In .	mm.	In .	mm.	In .	mm.
1	1.213	30.81	.494	12.55	.984	24.99	.666	16.92	.726	18.44	.329	8.36	.389	9.88	.643	16.33	.643	7.90
2	1.541	39.14	.494	12.55	1.312	33.32	.994	25.25	1.054	26.77	.329	8.36	.389	9.88	.971	24.66	.971	7.90
3	2.088	53.04	.494	12.55	1.852	47.04	1.534	38.96	1.594	40.49	.329	8.36	.389	9.88	1.511	38.38	1.511	7.90
4	2.729	69.32	.494	12.55	2.500	63.50	2.182	55.42	2.242	56.95	.329	8.36	.389	9.88	2.159	54.84	2.159	7.90
5	2.635	66.93	.605	15.37	2.406	61.11	2.079	52.81	2.139	54.33	.441	11.20	.501	12.73	2.064	52.43	2.064	10.74
6	2.729	69.32	.668	16.97	2.500	63.50	2.212	56.18	2.272	57.71	.503	12.78	.563	14.30	2.189	55.60	2.189	12.34

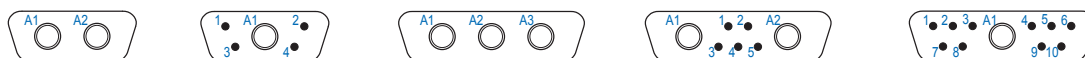
F

SERIES 28 HiPer-D® Accessories



Sav-Con® D-subminiature connector saver 289-012

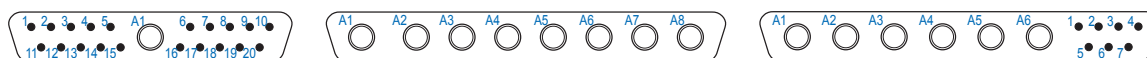
Mating face of pin connector. Socket connector numbers are reversed.



Arrangement	-2P2	-5P1	-3P3	-7P2	-11P1
Shell Size	1	1	2	2	2
Contacts	2 #8	4 #20, 1 #8	3 #8	5 #20, 2 #8	10 #20, 1 #8



Arrangement	-5P5	-9P4	-13P3	-17P2
Shell Size	3	3	3	3
Contacts	5 #8	5 #20, 4 #8	10 #20, 3 #8	15 #20, 2 #8



Arrangement	-21P1	-8P8	-13P6
Shell Size	3	4	4
Contacts	20 #20, 1 #8	8 #8	7 #20, 6 #8



Arrangement	-17P5	-21PA4
Shell Size	4	4
Contacts	12 #20, 5 #8	17 #20, 4 #8



Arrangement	-25P3	-27P2
Shell Size	4	4
Contacts	22 #20, 3 #8	25 #20, 2 #8



Arrangement	-24P7	-36P4
Shell Size	4	5
Contacts	17 #20, 7 #8	32 #20, 4 #8



Arrangement	-43P2	-47P1
Shell Size	5	5
Contacts	41 #20, 2 #8	46 #20, 1 #8

