



HEYCap™ D-Subminiature Protection Caps

- DSC Series Caps are designed to provide **electrostatic discharge protection** for rectangular D-subminiature input/output type connectors.
- Designed with an **integral flange** for easy application and removal.
- Fit over both **Standard Density** and **High Density** D-Sub Shells.
- Molded in pink dissipative ethylene vinyl acetate, which **meets the static decay requirements** of MIL-PRF-81705D: Surface resistivity less than 1×10^{12} ohms/sq.
- For similar schematic drawings see D-Subminiature Mounting Hole Plugs, see page 6-40.

Shell Designation & Type	SHELL DIMENSIONS				PART NO. Pink*	DESCRIPTION	PART DIMENSIONS								
	A Width		B Length				C Head		D		E Body		F		
	in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	
1 or E	9 Socket	.31	7,9	.64	16,3	G5160	DSC 1S	.79	20,1	.45	11,4	.72	18,2	.38	9,5
	9 Pin	.33	8,4	.67	16,9	G5161	DSC 1P	.86	21,8	.51	12,9	.78	19,8	.43	10,9
2 or A	15 Socket	.31	7,9	.97	24,6	G5162	DSC 2S	1.10	27,9	.45	11,4	1.04	26,4	.38	9,5
	15 Pin	.33	8,4	.99	25,2	G5163	DSC 2P	1.19	30,2	.51	12,9	1.12	28,3	.43	10,9
3 or B	25 Socket	.33	7,9	1.51	38,3	G5164	DSC 3S	1.66	42,2	.46	11,7	1.12	28,3	.37	9,4
	25 Pin	.31	8,4	1.53	40,0	G5165	DSC 3P	1.70	43,2	.52	13,2	1.58	40,2	.43	11,0
4 or C	37 Socket	.31	7,9	2.16	54,8	G5166	DSC 4S	2.29	58,2	.45	11,4	1.61	41,0	.37	9,3
	37 Pin	.33	8,4	2.18	55,4	G5167	DSC 4P	2.37	60,2	.52	13,2	1.23	30,5	.45	11,4
5 or D	50 Socket	.42	10,7	2.06	52,4	G5168	DSC 5S	2.21	56,1	.56	14,2	2.15	54,5	.49	12,3
	50 Pin	.44	11,1	2.08	52,8	G5169	DSC 5P	2.27	57,6	.62	15,7	2.20	55,8	.55	14,0
6	104 Socket	.49	12,3	2.19	55,6	G5170	DSC 6S	2.35	59,7	.65	16,5	2.27	57,6	.56	14,3
	104 Pin	.50	12,8	2.21	56,2	G5171	DSC 6P	2.44	62,0	.70	17,8	2.29	58,2	.58	14,8

* Material: Pink Static Dissipative Ethylene Vinyl Acetate (EVA). Black Conductive Polyethylene Copolymer also available, please consult Heyco.



HEYCap™ Electro Miniature Protection Caps

- EMC Series Caps fit 36- and 68-pin Champ 050 series connectors and 50-pin Champ-type connectors.
- Designed with an **integral flange** for easy application and removal.
- Molded in pink dissipative ethylene vinyl acetate, which **meets the static decay requirements** of MIL-PRF-81705D: Surface resistivity less than 1×10^{12} ohms/sq.
- For similar schematic drawings see D-Subminiature Mounting Hole Plugs, see page 6-40.

Typical Configuration	SHELL DIMENSIONS				PART NO. Pink*	DESCRIPTION	PART DIMENSIONS							
	A Width		B Length				C Head		D		E Body		F	
	in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.
36 Pin	.25	6,4	1.05	26,7	G5172	EMC 36	1.18	30,0	.40	10,2	1.11	27,9	.31	7,9
50 Pin	.48	12,1	2.51	63,5	G5173	EMC 50	2.63	66,8	.60	15,2	2.57	65,1	.54	13,6
68 Pin	.26	6,6	1.83	46,5	G5174	EMC 68	1.95	49,5	.38	9,6	1.89	48,0	.32	8,1

* Material: Pink Static Dissipative Ethylene Vinyl Acetate (EVA). Black Conductive Polyethylene Copolymer also available, please consult Heyco.

Material
Temperature Range

Pink Static Dissipative Ethylene Vinyl Acetate (EVA)
-98°F (-68°C) to 140°F (60°C)