

VG95328 M
Bayonet-Lock
Straight Plug Connector
with Ground-Fingers and EMI Shrink-Boot Backshell

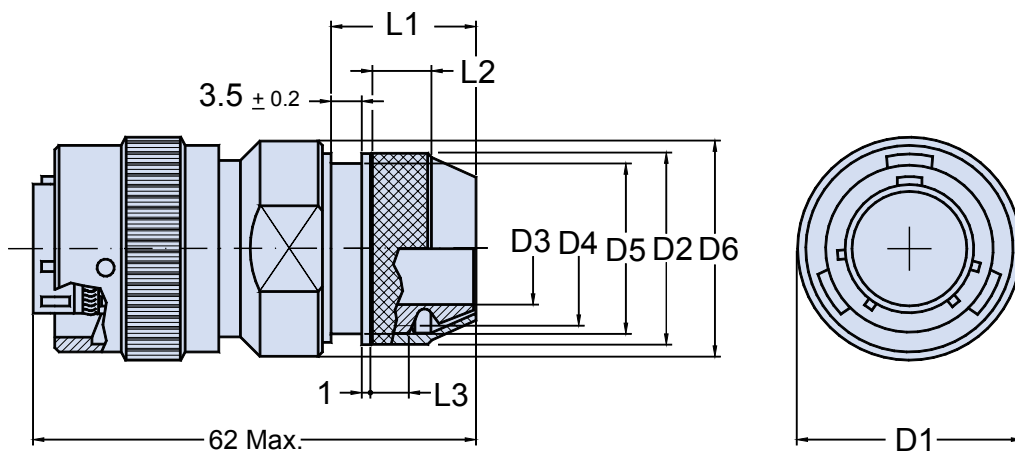
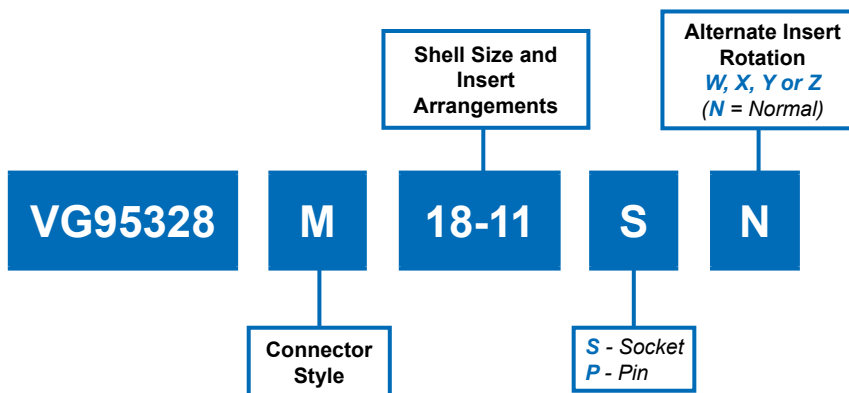


TABLE I: DIMENSIONS

Shell size	D1 Max.	D2 + 0.5 - 0	D3 Min.	D4	D5 + 0 - 1	D6 Max.	L1 + 0 - 2.5	L2 + 1.5 - 0	L3 Min.	Maximum Weight in Grams
8	19.8	16	6.6	M14 x 1	14.0	20	17	5	4	27
10	23.5	18	9.2	M16 x 1	16.0	23	17	5	4	29
12	26.5	22	12.2	M20 x 1	20.0	27	17	7	5	35
14	30.0	25	15.2	M23 x 1	23.0	30	18	8	6	45
16	33.1	28	18.3	M26 x 1	26.0	33	18	8	6	52
18	35.3	32	20.0	M30 x 1	28.5	36	18	10	6	67
20	38.8	34	23.0	M32 x 1	30.5	40	18	10	6	84
22	42.0	38	26.0	M36 x 1	34.5	43	18	10	6	102
24	45.1	41	28.8	M39 x 1	37.5	46	18	10	6	109

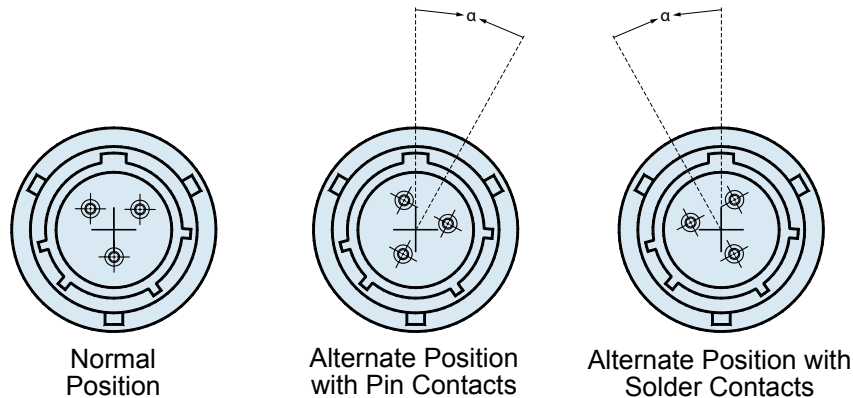
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VG95328
Connectors

Contact Arrangements			
Arrangement	Cl. Isol. Rating	Dim. contact size	
		20	16
8 - 3A	I	3	
10 - 6	I	6	
12 - 3	II		3
12 - 10	I	10	
14 - 5	II		5
14 - 12	I	8	4
14 - 15	I	14	1
14 - 19	I	19	
16 - 8	II		8
16 - 23	I	22	1
16 - 26	I	26	
18 - 11	II		11
18 - 32	I	32	
20 - 16	II		16
20 - 41	I	41	
22 - 21	II		21
22 - 55	I	55	
24 - 61	I	61	

Alternate Insert Orientations				
Arrangement	Degrees			
	W	X	Y	Z
8 - 3A	60	(120)		
10 - 6	90			
12 - 3			180	
12 - 10	60	155	270	295
14 - 5	40	92	184	273
14 - 12	43	90		
14 - 15	17	110	155	234
14 - 19	30	165	315	
16 - 8	54	152	180	331
16 - 23	158	270		
16 - 26	60		275	338
18 - 11	62	119	241	340
18 - 32	85	138	222	265
20 - 16	238	318	333	347
20 - 41	45	126	225	
22 - 21	16	135	175	349
22 - 55	30	142	226	314
24 - 61	90	180	270	324



MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber (Chloroprene): -55°C/+125°C
Stainless Steel Coupling Pins	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Gold Plating Over Nickel

STANDARD FINISH (For QQ-A-591 Aluminum Shells)	
Requirements	Cadmium with Olive Drab Passivation IAW QQ-P-416
Thermal Shock	-55°C + 125°C
Salt Spray After Thermal Shock	500 hour
Electrical Conductivity	Very Good
Abrasion Resistance	Very Good