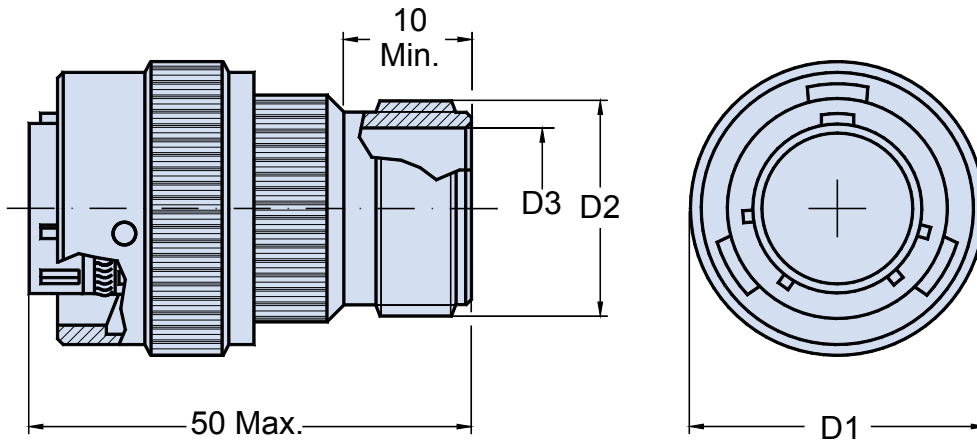
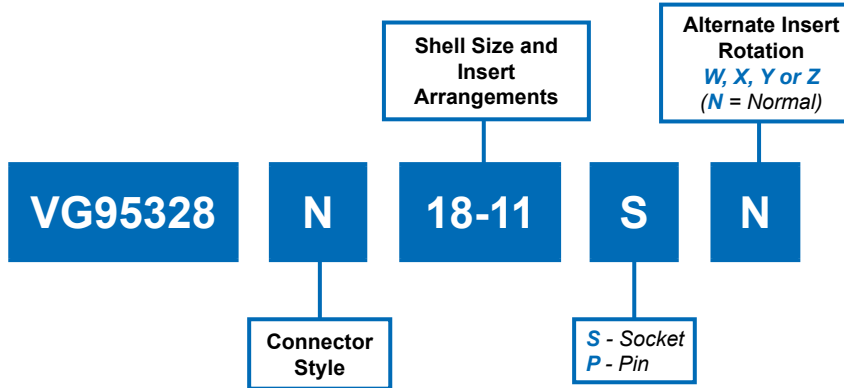


**VG95328 N**  
**Bayonet-Lock**  
**Straight Plug Connector**  
 with Backshell to Accommodate MS3057 Cable Clamp



**TABLE I: DIMENSIONS**

| Shell size | D1 Max. | D2              | D3 Min. | Maximum Weight in Grams |
|------------|---------|-----------------|---------|-------------------------|
| 8          | 19.8    | 0.5000 - 28UNEF | 6.6     | 22                      |
| 10         | 23.5    | 0.6250 - 24UNEF | 9.2     | 22                      |
| 12         | 26.5    | 0.7500 - 20UNEF | 12.2    | 28                      |
| 14         | 30.0    | 0.8750 - 20UNEF | 15.2    | 38                      |
| 16         | 33.1    | 1.0000 - 20UNEF | 18.3    | 45                      |
| 18         | 35.3    | 1.1875 - 18UNEF | 20.0    | 60                      |
| 20         | 38.8    | 1.1875 - 18UNEF | 23.0    | 77                      |
| 22         | 42.0    | 1.4375 - 18UNEF | 26.0    | 95                      |
| 24         | 45.1    | 1.4375 - 18UNEF | 28.8    | 102                     |

Cable Clamp Sold Separately

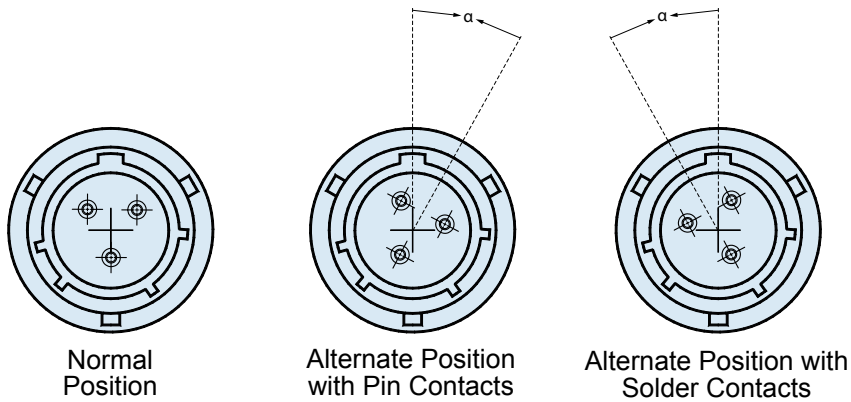
# VG95328 N Bayonet-Lock Straight Plug Connector with Backshell to Accommodate MS3057 Cable Clamp



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<br>IAW QQ-A-591 Shells | High Insulation Synthetic Rubber<br>(Chloroprene): -55°C/+125°C |
| Stainless Steel<br>Coupling Pins      | <b>CRIMP CONTACTS</b>   |
| Stainless Steel Spring                | Copper Alloy with Gold Plating Over Nickel                      |

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