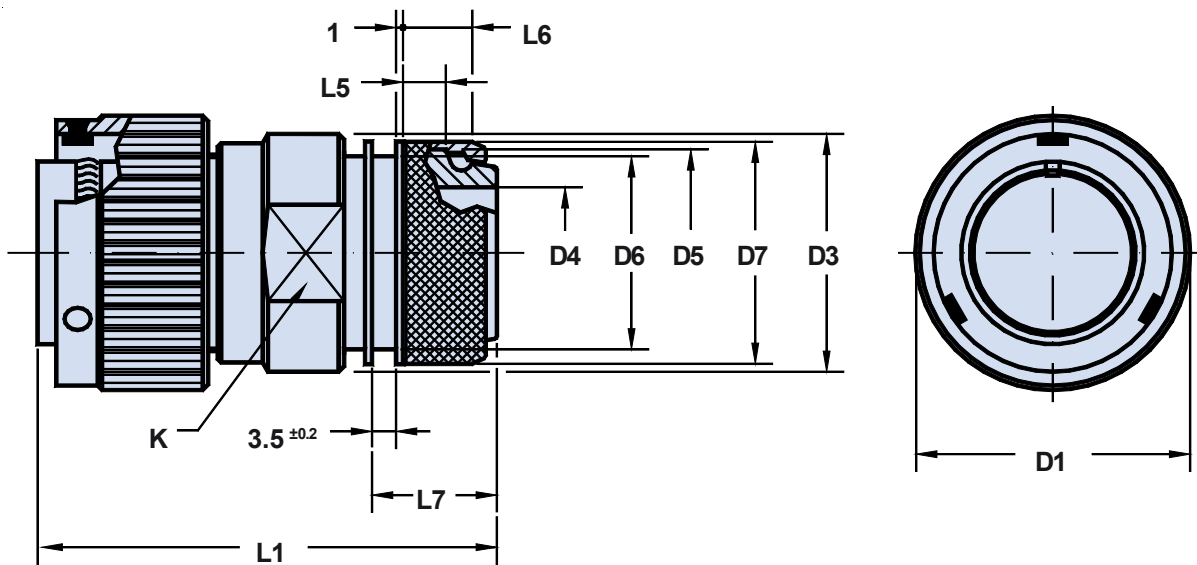
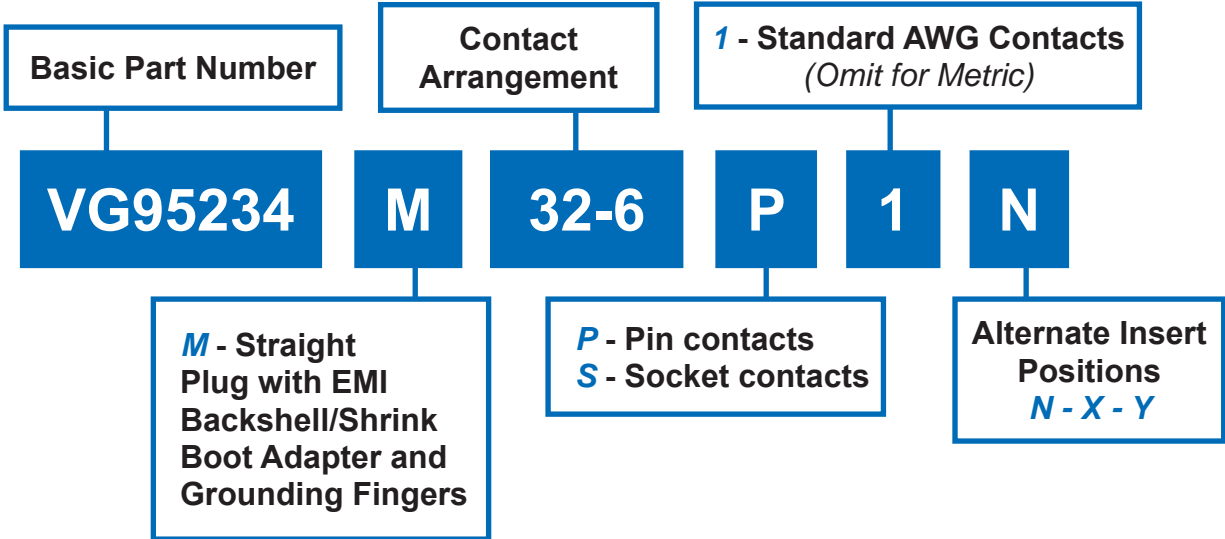


**VG95234 M**  
**Straight Plug with EMI/RFI Backshell,**  
**Grounding Fingers, Wire Sealing Grommet**  
**and Heat Shrink Boot Lip**



**APPLICATION NOTES**

- |   |   |
|---|---|
| 1. Straight plug connector with EMI backshell and boot adapter.   | 4. Standard insert is synthetic rubber, oil and low temperature resistant (-55°C to +125°C) IAW MIL-R-3065. |
| 2. Standard crimp contact material consists of copper alloy with silver plating. Please see pages 16-17 for additional contact information. | 5. Stainless steel and marine bronze shells are available in Series ITS products. Please consult factory.   |
| 3. Insert arrangements IAW VG95234. Please see pages 10-15.   | 6. All dimensions are metric unless otherwise noted.  |

**VG95234 M**  
**Straight Plug with Grounding Fingers,**  
**EMI/RFI Backshell, Wire Sealing Grommet**  
**and Heat Shrink Boot Lip**



DIMENSIONS												
Shell Size	D1 Max	D3 Max	D4 Min	D5	D6 Max	D7 ±0.5	K Key	L1 Max	L5 Min	L6 +1 -0	L7 +1 -0	Weight gr. Max
<b>10 SL</b>	22.8	22	8.6	M16+1	16.3	18.5	20	55	4.5	7	17	40
<b>14 S</b>	29.2	25	10.6	M20+1	20.0	22.0	23	57	5.0	7	17	45
<b>16 S</b>	32.0	28	13.5	M23+1	23.0	25.0	26	60	6.0	8	18	55
<b>16</b>	32.0	28	13.5	M23+1	23.0	25.0	26	70	6.0	8	18	65
<b>18</b>	36.5	31	14.6	M26+1	24.5	28.0	38	70	6.0	10	18	75
<b>20</b>	39.9	35	18.5	M30+1	28.5	32.0	32	70	6.0	10	18	85
<b>22</b>	43.1	38	20.8	M32+1	30.5	34.0	36	70	6.0	10	18	100
<b>24</b>	46.6	41	24.6	M36+1	34.5	38.0	39	70	6.0	10	18	115
<b>28</b>	53.4	48	27.0	M39+1	37.5	41.0	46	70	6.0	10	18	130
<b>32</b>	60.1	54	33.3	M45+1	44.0	48.0	52	70	6.0	10	18	170
<b>36</b>	66.3	61	38.5	M52+1	51.0	55.0	58	80	6.0	10	18	190

MATERIALS	
SHELLS	INSERTS (Temperature Range)
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber -55°C/+125°C
Stainless Steel Coupling Pins	<b>CRIMP CONTACTS</b>
Stainless Steel Spring	Copper Alloy with Silver 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