



APPLICATION NOTES

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| 1. 90° Plug connector without cable clamp and bushing. | 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 E1 and VG95234 K
90° Plug with Conduit Adapter (E1)
and Grounding Fingers (K)**



DIMENSIONS						
Shell Size	D1 Max	D3	L1 Max	L2 Max	L5 Min	Weight gr. Max
10 SL	22.8	0.6250 - 24UNEF	45	30	9.4	27
14 S	29.2	0.7500 - 20UNEF	47	30	9.4	43
16 S	32.0	0.8750 - 20UNEF	48	30	9.4	48
16	32.0	0.8750 - 20UNEF	57	35	9.4	58
18	36.5	1.0000 - 20UNEF	58	35	9.4	58
20	39.9	1.1875 - 18NEF	61	35	9.4	74
22	43.1	1.1875 - 18NEF	61	40	9.4	78
24	46.6	1.4375 - 18NEF	66	40	9.4	104
28	53.4	1.4375 - 18NEF	66	40	9.4	126
32	60.1	1.7500 - 18NS	72	45	11.0	160
36	66.3	2.0000 - 18NS	75	50	12.6	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	CRIMP CONTACTS
Stainless Steel Spring	Copper Alloy with Silver Plating Over Nickel
Copper Alloy Grounding Finger	

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