



## **222K1 Heat Shrink Boots** **Right-Angled, Lipped Boot**

### **Application**

222K121 to 222K185 are heat-shrinkable right angled lipped boots for use in conjunction with connector adaptors to provide strain relief for harness systems using circular connectors.

They are available with a pre-coated adhesive to provide an effective environmental seal between the connector and the cable.

Use the System 25 family of parts in military ground vehicles, marine applications and aerospace as well as communication and test equipment. Also use in high performance commercial and industrial applications such as rail, robots, heavy plant, etc.

System 25 is rugged, abrasion resistant and flexible, providing optimum high temperature fluid resistance, and long term heat resistance.

System 25 jacketing is based on a modified elastomer and features epoxy adhesive.

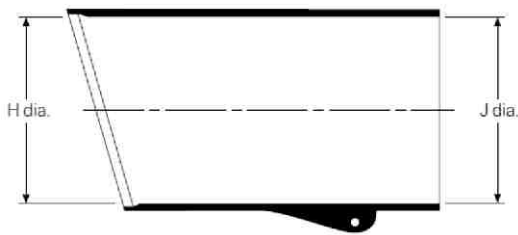
### **Features**

- -75°C to +150°C
- Flame retarded
- Rugged and flexible
- Resistant to hot diesel fuel, oil and greases
- Approved to VG95343
- Long term high temperature resistance
- Environmentally sealed

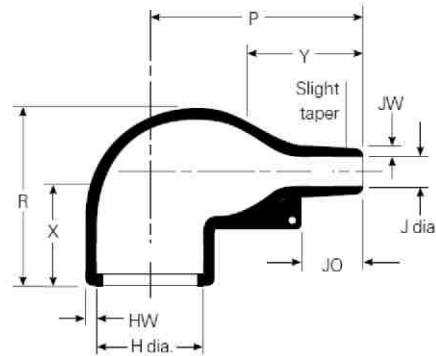


## TECHNICAL INFORMATION

As supplied (a)



After unrestricted recovery (b)



Product dimensions (mm/in)

Part number	H			J			P	R
	Min.	Min.	Max.	Min.	Min.	Max.		
	-3, -4, -25	-100		-3, -4, -25	-100		±10%	±10%
	a	a	b	a	a	b	b	b
222K121	24.0 (.95)	24.0 (.95)	10.4 (.41)	24.0 (.95)	14.0 (.55)	5.6 (.22)	25.0 (.98)	25.0 (.98)
222K132	30.0 (1.18)	30.0 (1.18)	14.2 (.56)	30.0 (1.18)	15.0 (.59)	5.9 (.23)	32.0 (1.26)	27.0 (1.06)
222K142	31.0 (1.22)	31.0 (1.22)	18.0 (.71)	31.0 (1.22)	18.0 (.71)	7.1 (.28)	39.0 (1.54)	31.0 (1.22)
222K152	36.0 (1.42)	36.0 (1.42)	22.4 (.88)	36.0 (1.42)	21.0 (.83)	8.4 (.33)	46.0 (1.81)	38.0 (1.50)
222K163	43.0 (1.69)	43.0 (1.69)	28.2 (1.11)	43.0 (1.69)	25.0 (.98)	9.9 (.39)	55.0 (2.17)	45.0 (1.77)
222K174	60.0 (2.36)	52.0 (2.05)	35.1 (1.38)	60.0 (2.36)	39.0 (1.54)	15.7 (.62)	80.0 (3.15)	54.0 (2.13)
222K185	66.0 (2.60)	66.0 (2.60)	44.5 (1.75)	66.0 (2.60)	42.0 (1.65)	16.8 (.66)	108.0 (4.25)	68.0 (2.68)
	JO	HW	JW	X	Y			
	±10%	±20%	±20%	±20%	±20%			
	b	b	b	b	b			
222K121	8.5 (.33)	1.3 (.05)	.41 (.016)	18.0 (.71)	16.0 (.63)			
222K132	8.5 (.33)	1.5 (.06)	.61 (.024)	18.0 (.71)	20.0 (.79)			
222K142	15.0 (.59)	1.8 (.07)	.81 (.032)	18.0 (.71)	20.0 (.79)			
222K152	18.0 (.63)	1.8 (.07)	.81 (.032)	25.0 (.98)	25.0 (.98)			
222K163	17.5 (.69)	2.0 (.08)	.81 (.032)	25.0 (.98)	30.0 (1.18)			
222K174	32.0 (1.26)	3.3 (.13)	1.02 (.040)	25.0 (.98)	45.0 (1.77)			
222K185	48.0 (1.89)	3.8 (.15)	1.63 (.064)	35.0 (1.38)	70.0 (2.76)			

**Product Type Features:**

- Moulded Part Type = Moulded Boot
- Material = Fluid Resistant Modified Elastomer

**Electrical Characteristics:**

- Angle = 90°

**Contact Features:**

- Family Name = 222K1

**Housing Features:**

- Material Systems Code = 25
- Adhesive Pre-Coating = Without
- Adhesive Description = Adhesive Purchased Separately

**Configuration Features:**

- Material Code = 25
- Adhesive Code = S1125

**Industry Standards:**

- Government/Industry Qualification = No
- Approved Standards = DEF Std 59-97 Issue 3 Type DE, MIS-34867, VG95343 Parts 6, 7, 8, & 9
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

**Environmental:**

- Operating Temperature (°C) = -75 – +150

**Operation/Application:**

- Application = General Purpose, Military