



202K1 Heatshrink Boots

Straight, Lipped Boot

Application

202K111 to 202K185 are heat-shrinkable straight lipped boots for use 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.

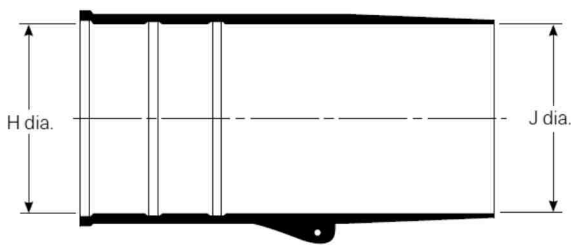
Features

- -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

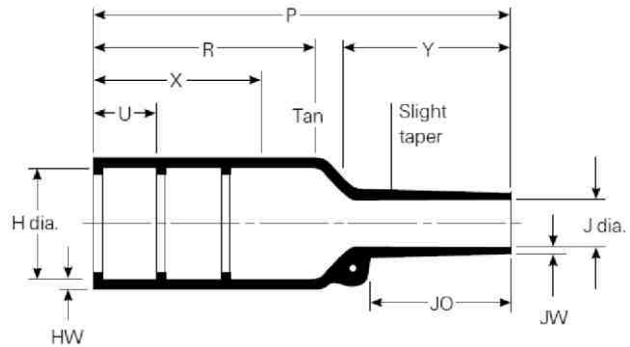


TECHNICAL INFORMATION

As supplied (a)



After unrestricted recovery (b)



Product dimensions (mm/in)

| Part number | H | | J | | | Max. | P | R |
|-------------|------------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|
| | Min. | Max. | Min. | Min. | Min. | | | |
| | -3, -4, -12, -25 | | -3, -4, -25 | -12 | -100 | | ±10% | ±10% |
| | a | b | a | a | a | b | b | b |
| 202K121 | 24.0 (.95) | 10.4 (.41) | 24.0 (.95) | 13.0 (.51) | 14.0 (.55) | 5.6 (.22) | 38.0 (1.50) | 21.0 (.83) |
| 202K132 | 30.0 (1.18) | 14.2 (.56) | 30.0 (1.18) | 14.0 (.55) | 15.0 (.59) | 5.9 (.23) | 55.0 (2.17) | 32.0 (1.26) |
| 202K142 | 31.0 (1.22) | 18.0 (.71) | 31.0 (1.22) | 16.0 (.63) | 18.0 (.71) | 7.1 (.28) | 67.0 (2.64) | 35.0 (1.38) |
| 202K153 | 36.0 (1.42) | 22.4 (.88) | 36.0 (1.42) | 19.0 (.75) | 21.0 (.83) | 8.4 (.33) | 80.0 (3.15) | 42.0 (1.65) |
| 202K163 | 43.0 (1.69) | 28.2 (1.11) | 43.0 (1.69) | 22.0 (.87) | 25.0 (.98) | 9.9 (.39) | 99.0 (3.90) | 61.0 (2.40) |
| 202K174 | 60.0 (2.36) | 35.1 (1.38) | 60.0 (2.36) | 35.0 (1.38) | 39.0 (1.54) | 15.7 (.62) | 130.0 (5.12) | 72.0 (2.83) |
| 202K185 | 66.0 (2.60) | 44.5 (1.75) | 66.0 (2.60) | 38.0 (1.50) | 42.0 (1.65) | 16.8 (.66) | 170.0 (6.69) | 90.0 (3.54) |
| | U | JO | HW | JW | X | Y | | |
| | ±10% | ±10% | ±20% | Min. | ±20% | ±20% | | |
| | b | b | b | b | b | b | | |
| 202K121 | 12.0 (.47) | 8.5 (.33) | 1.6 (.06) | .41 (.016) | 24.0 (.94) | 13.0 (.51) | | |
| 202K132 | 12.0 (.47) | 11.5 (.45) | 1.8 (.07) | .81 (.032) | 24.0 (.94) | 18.0 (.71) | | |
| 202K142 | 20.0 (.79) | 17.0 (.67) | 1.8 (.07) | .81 (.032) | 32.0 (1.26) | 25.0 (.98) | | |
| 202K153 | 20.0 (.79) | 19.5 (.76) | 2.0 (.08) | .81 (.032) | 32.0 (1.26) | 30.0 (1.18) | | |
| 202K163 | 20.0 (.79) | 21.0 (.82) | 2.2 (.08) | .81 (.032) | 52.0 (2.05) | 30.0 (1.18) | | |
| 202K174 | 20.0 (.79) | 39.0 (1.53) | 3.3 (.13) | 1.02 (.040) | 52.0 (2.05) | 50.0 (1.97) | | |
| 202K185 | 20.0 (.79) | 51.5 (2.02) | 3.8 (.15) | 1.63 (.064) | 52.0 (2.05) | 70.0 (2.76) | | |

Product Type Features:

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

Electrical Characteristics:

- Angle = Straight

Contact Features:

- Family Name = 202K1

Housing Features:

- Material Systems Code = 25
- Adhesive Pre-Coating = With
- Adhesive Description = Unicure Pre-Coated Epoxy Adhesive

Configuration Features:

- Material Code = 25
- Adhesive Code = 225

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