



342A0 Heatshrink Boots 45° Side-Breakout Transition

Application

342A012 to 342A058 are 45° transition heat-shrinkable boots designed for break-outs in cable harness assemblies.

They are available with a pre-coated adhesive to provide strain relief, sealing and mechanical protection.

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.

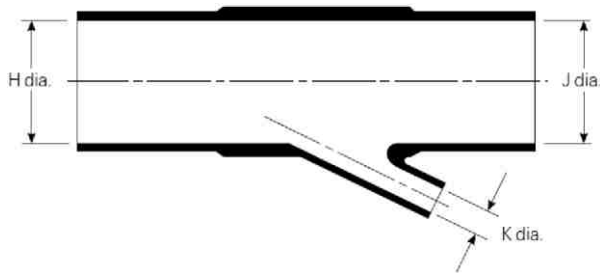
Features

- -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

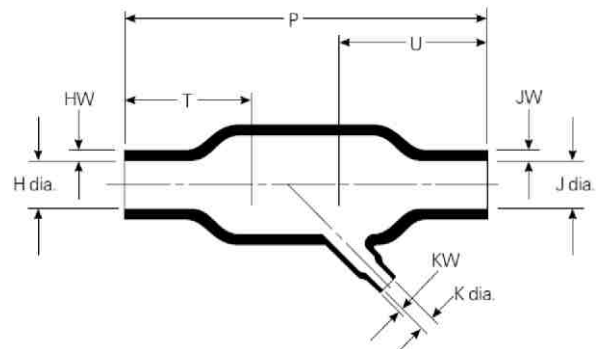


TECHNICAL INFORMATION

As supplied (a)



After unrestricted recovery (b)



Product dimensions (mm/in)

Part number	H & J		K		P
	Min. a	Max. b	Min. a	Max. b	±10% b
342A012	13.2 (.52)	6.9 (.27)	6.6 (.26)	3.6 (.14)	49.3 (1.94)
342A024	26.9 (1.06)	12.7 (.50)	6.6 (.26)	3.6 (.14)	92.5 (3.64)
342A034	26.9 (1.06)	13.7 (.54)	13.2 (.52)	6.1 (.24)	144.8 (5.70)
342A048	55.6 (2.19)	26.9 (1.06)	13.2 (.52)	6.9 (.27)	184.9 (7.28)
342A058	55.6 (2.19)	26.9 (1.06)	26.9 (1.06)	13.7 (.54)	203.5 (8.01)
	T	U	HW & JW	KW	
	±10% b	±10% b	±20% b	±20% b	
342A012	19.6 (.77)	19.6 (.77)	1.52 (.06)	1.02 (.04)	
342A024	31.8 (1.25)	39.6 (1.56)	2.54 (.10)	1.02 (.04)	
342A034	50.8 (2.00)	50.8 (2.00)	2.54 (.10)	1.52 (.06)	
342A048	63.5 (2.50)	63.5 (2.50)	4.57 (.18)	1.52 (.06)	
342A058	66.0 (2.60)	66.0 (2.60)	4.57 (.18)	2.54 (.10)	

Product Type Features:

- Moulded Part Type = Transition
- Material = Polyolefin Flexible Modified

Body Features:

- Transition Type = 45° Side-Breakout
- Number of Branches/Legs = 2

Contact Features:

- Family Name = 342A0

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