



382A0 Heatshrink Transition Y Transition

Application

382A012 to 382A046 are “Y” shaped heat-shrinkable transition boots designed to provide strain relief, sealing and mechanical protection on cable harness systems.

“Y” shaped transitions are available with a pre-coated adhesive to provide an effective environmental seal at the transition point.

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.

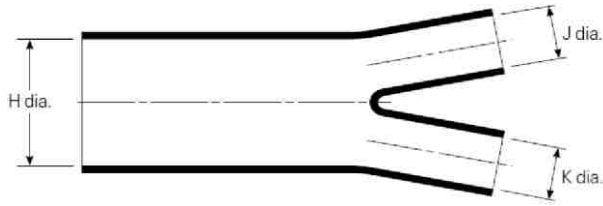
Features

- -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

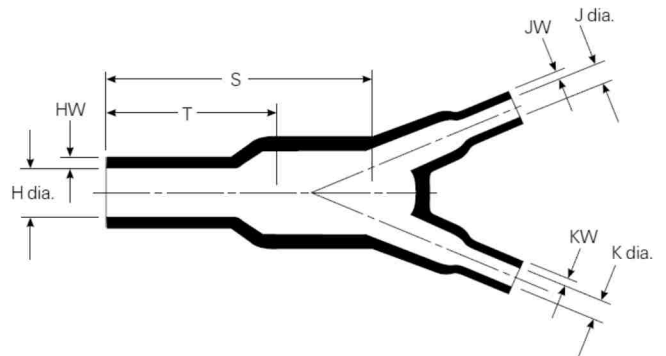


TECHNICAL INFORMATION

As supplied (a)



After unrestricted recovery (b)



Product dimensions (mm/in)

Part number	H		J & K		S	T	HW	JW & KW
	Min. a	Max. b	Min. a	Max. b				
382A012	13.2 (.52)	6.1 (.24)	6.6 (.26)	3.3 (.13)	±10% 23.9 (.94)	±10% 15.5 (.61)	±20% 1.52 (.06)	±20% 1.02 (.04)
382A023	26.9 (1.06)	12.4 (.49)	13.2 (.52)	6.1 (.24)	±10% 53.3 (2.10)	±10% 33.0 (1.30)	±20% 2.54 (.10)	±20% 1.52 (.06)
382A034	38.6 (1.52)	18.0 (.71)	26.9 (1.06)	12.4 (.49)	±10% 78.7 (3.10)	±10% 55.9 (2.20)	±20% 3.05 (.12)	±20% 2.54 (.10)
382A046	55.6 (2.19)	25.9 (1.02)	26.9 (1.06)	12.7 (.50)	±10% 111.8 (4.40)	±10% 71.1 (2.80)	±20% 4.57 (.18)	±20% 2.54 (.10)

Product Type Features:

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

Body Features:

- Transition Type = Y
- Number of Branches/Legs = 2

Contact Features:

- Family Name = 382A0

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