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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Heat Shrink Heavy Duty Breakout Boot, 4-Way Outlet

3M Part Numbers HDBB-405 to 430

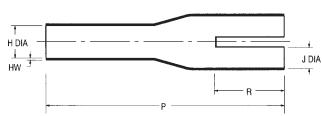
Typical Applications

These breakout boots provide strain relief and environmental/mechanical protection for breakouts in multiconductor armored or sheathed cables. This style is designed for four breakouts.

Expanded part (as supplied)

Fully recovered part (after heating)







	Cable E NAVSEA or H DIA			Conductor Legs J DIA		P ±10% R	R ±10% R	HW <u>+</u> 20% R
PART NUMBER	DOD-STD- 2003-1 Part Number	MIN X	MAX R	MIN X	MAX R			
HDBB-405-1-250	1A62-12	0.90	0.43	0.28	0.11	2.75	0.75	0.05
		(22.86)	(10.92)	(7.11)	(2.79)	(69.85)	(19.05)	(1.27)
HDBB-410-1-250	1A62-13	1.25	0.80	0.50	0.19	3.30	1.00	0.09
		(31.75)	(20.32)	(12.70)	(4.83)	(83.82)	(25.40)	(2.29)
HDBB-415-1-250	1A62-14	1.75	0.98	0.79	0.28	3.50	1.20	0.15
		(44.45)	(24.89)	(20.07)	(7.11)	(88.90)	(30.48)	(3.81)
HDBB-420-1-250	1A62-15	2.35	1.00	1.00	0.35	8.50	1.70	0.15
		(59.69)	(25.40)	(25.40)	(8.89)	(215.90)	(43.18)	(3.81)
HDBB-425-1-250	1A62-16	2.65	1.40	1.20	0.53	5.00	1.50	0.15
		(67.31)	(35.56)	(30.48)	(13.46)	(127.00)	(38.10)	(3.81)
HDBB-430-1-250	1A62-17	5.25	3.00	1.35	0.55	9.00	3.00	0.14
		(133.35)	(76.20)	(34.29)	(13.97)	(228.60)	(76.20)	(3.56)

Notes:

- · All dimensions in both inches and metric, all angles in degrees
- Dimensions in table: X = Expanded (Minimum) R = Recovered (Maximum)
- Color: Black
- 3M CAGE Code: 20999

Materials Available

- Semi-rigid Flame Retardant Polyolefin
- -3 Flexible Polyolefin, Halogen Free
- Flexible Flame Retardant Polyolefin

TTS-250

Description Thermoplastic 80°C

Important Notice

All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.

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