



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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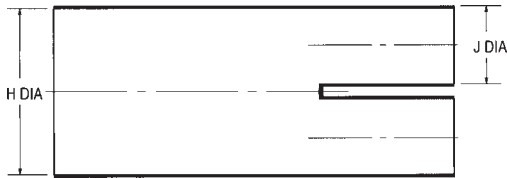
Heat Shrink Heavy Duty Breakout Boot, 2-Way Outlet

3M Part Numbers HDBB-205 to 230

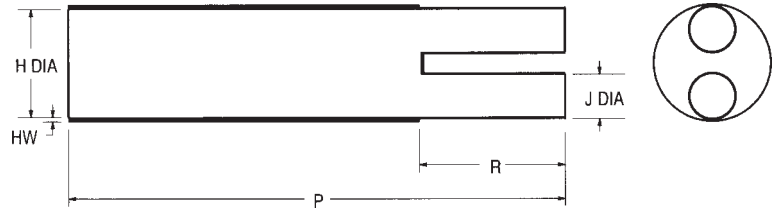
Typical Applications

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

Expanded part (as supplied)



Fully recovered part (after heating)



PART NUMBER	NAVSEA or DOD-STD- 2003-1 Part Number	Cable End H DIA		Conductor Legs J DIA		P ±10% R	R ±10% R	HW ±20% R
		MIN X	MAX R	MIN X	MAX R			
HDBB-205-1-250	1A62-1	0.80 (20.32)	0.37 (9.40)	0.33 (8.38)	0.11 (2.79)	2.70 (68.58)	0.70 (17.78)	0.06 (1.52)
HDBB-210-1-250	1A62-2	1.20 (30.48)	0.60 (15.24)	0.50 (12.70)	0.17 (4.32)	3.50 (88.90)	1.00 (25.40)	0.08 (2.03)
HDBB-220-1-250	1A62-3	1.90 (48.26)	0.90 (22.86)	0.75 (19.05)	0.30 (7.62)	4.20 (106.68)	1.20 (30.48)	0.12 (3.05)
HDBB-230-1-250	1A62-4	3.00 (76.20)	1.50 (38.10)	1.45 (36.83)	0.50 (12.70)	5.00 (127.00)	1.50 (38.10)	0.12 (3.05)

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		Standard Part Supplied with -250 Adhesive		Description Thermoplastic 80°C
		Adhesive (Part #)	Factory Applied	
-1	Semi-rigid Flame Retardant Polyolefin	TTS-250	-250	
-3	Flexible Polyolefin, Halogen Free			
-6	Flexible Flame Retardant Polyolefin			

Important Notice

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