

Circuit Board Materials

www.BradyID.com



Circuit Board Identification Material

Improve processes and reduce operating costs with clearly identified circuit boards.

Brady's circuit board material, or PCB labels, are polyimide labels that can withstand the high heats and powerful chemicals used in PCB manufacturing. Brady offers PCB labels in a variety of materials, including anti-static PCB labels and labels for auto-apply applications. These high temp circuit board materials can improve your processes and reduce operating costs by identifying your circuit boards throughout the entire PCB manufacturing process.

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Understanding THT Label Part Numbers

Most label part numbers can be broken down in the following manner by the label's components.

Example:

THT-5-423-10

Technology:
Thermal Transfer

Die Cut:
#5, 1.000" x 0.500"

Quantity:
Multiply by 1,000
10 x 1,000 = 10,000

Material Number:
B-423, Gloss White Polyimide

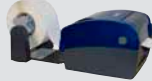
Printer Compatibility

All circuit board parts shown on the following pages are compatible with the following printers unless otherwise noted.

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Bradyprinter™ PR Plus Printers
See Page 114
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Brady IP™ Printer
See Page 110
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BBP®81 Label Printer
See Page 112
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BBP®11 Label Printer
3" Core Label Rolls are compatible when used with Media Holder accessory.
See Page 84

3" Core Circuit Board ID Materials:
B-426 Polyimide Material
Color: Amber Finish: Matte

Amber polyimide with matte finish and permanent adhesive. Used for printed circuit board and electronic component preprocess labeling. When used with Series R4300 ribbon, fulfills requirements of: MIL-PRF-55110G General Specification for Printed Wiring Boards, MIL-STD-202G, Notice 12, Method 215K and SAE AS81531 Marking of Electrical Insulating Material.

Performance Attributes:

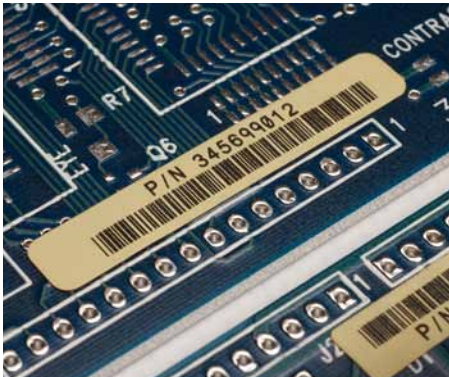
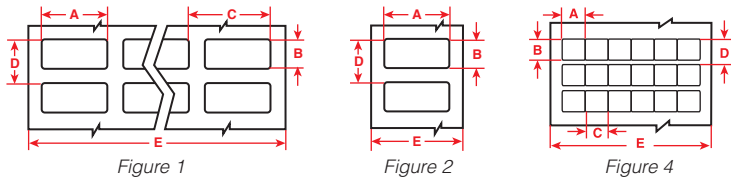


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 4	THT-11-426-10	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	0.250 (6.4)	0.375 (9.5)	3.200 (81.3)	12	10,000	R4300
Fig. 1	THT-38-426-10	Polyimide	Amber	0.375 (9.5)	0.375 (9.5)	0.437 (11.1)	0.475 (12.1)	3.200 (81.3)	7	10,000	R4300
Fig. 1	THT-12-426-10	Polyimide	Amber	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R4307
Fig. 1	THT-14-426-10	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R4300
Fig. 2	THT-47-426-10	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	-	0.300 (7.6)	0.850 (21.6)	1	10,000	R4311
Fig. 1	THT-57-426-10	Polyimide	Amber	0.700 (17.8)	0.375 (9.5)	0.800 (20.3)	0.475 (12.1)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-1-426-10	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307

* B-426 Polyimide Labels continues on following page.

View the Material Brands & Attributes Guide on page 4.
Benchtop Printer Ribbons on page 184.
Full Material Properties on page 187.