

Circuit Board Materials

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3" Core Circuit Board ID Materials:

B-724 Ultra Durable Polyimide Material

Color: Amber Finish: Matte

Amber high temperature polyimide material with an ultra durable adhesive designed for use with extreme wash protocol and cleaning chemicals. When used with Brady R4300 series ribbons, fulfills requirements for MIL-STD-202G Method 215K and SAE AS81531 Marking of Electrical Insulating Material.

Performance Attributes: 

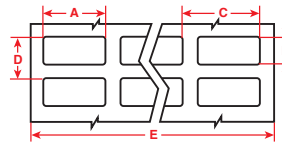


Figure 1

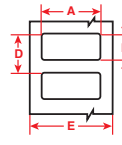


Figure 2

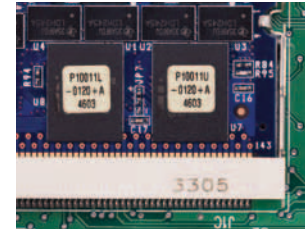


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	THT-11-724-10	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	-	0.600 (15.24)	0.700 (17.78)	1	10,000	R6000
Fig. 1	THT-12-724-10	Polyimide	Amber	0.500 (12.7)	0.437 (11.1)	0.375 (9.53)	0.312 (7.92)	2.390 (60.71)	6	20,000	R6000
Fig. 1	THT-14-724-10	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	0.800 (20.32)	0.350 (8.89)	3.350 (85.09)	4	10,000	R6000
Fig. 2	THT-1-724-10	Polyimide	Amber	0.750 (19.0)	0.250 (6.4)	-	0.350 (8.89)	0.950 (24.13)	1	10,000	R4300
Fig. 1	THT-46-724-10	Polyimide	Amber	0.750 (19.0)	0.250 (6.4)	1.075 (27.31)	0.350 (8.89)	3.350 (85.09)	3	10,000	R4300
Fig. 2	THT-2-724-10	Polyimide	Amber	0.900 (22.8)	0.250 (6.4)	-	0.350 (8.89)	1.700 (43.18)	1	10,000	R4300
Fig. 1	THT-51-724-10	Polyimide	Amber	1.000 (25.4)	0.250 (6.4)	0.250 (6.35)	0.375 (9.50)	3.200 (81.28)	12	10,000	R6000
Fig. 2	THT-3-724-10	Polyimide	Amber	1.000 (25.4)	0.375 (9.5)	-	0.350 (8.89)	1.200 (30.48)	1	10,000	R6000
Fig. 1	THT-5-724-10	Polyimide	Amber	1.000 (25.4)	0.500 (12.7)	1.125 (28.575)	0.350 (8.89)	3.350 (85.09)	3	10,000	R6000
Fig. 2	THT-28-724-10	Polyimide	Amber	1.500 (38.1)	0.125 (3.2)	-	0.350 (8.89)	1.575 (40.01)	1	10,000	R6000
Fig. 1	THT-4-724-10	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	0.375 (9.53)	0.450 (11.43)	2.390 (60.71)	6	20,000	R6000
Fig. 1	THT-45-724-10	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	0.662 (16.81)	0.537 (13.64)	3.350 (85.09)	5	10,000	R6000
Fig. 1	THT-16-724-2.5	Polyimide	Amber	3.000 (76.2)	0.250 (6.4)	1.500 (38.10)	0.350 (8.89)	3.350 (85.09)	2	10,000	R6000

3" Core Circuit Board ID Materials:

B-727 Ultra Durable Polyimide Material

Color: White Finish: Matte

High temperature polyimide material (2 mil) with gloss finish withstands wave solder environments for printed circuit board and electronic component preprocess labeling. The ultra durable adhesive is designed for use with extreme wash protocol and cleaning chemicals. Also ideal for use in auto apply equipment.

Performance Attributes: 

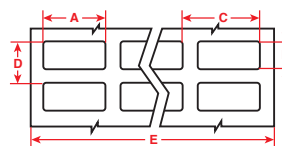


Figure 1

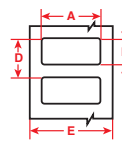


Figure 2



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. 1	THT-11-727-10	Polyimide	White	0.250 (6.4)	0.250 (6.4)	0.800 (20.32)	0.350 (8.89)	3.350 (85.09)	4	10,000	R6000
Fig. 2	THTD-70-727-12	Polyimide	White	0.250 (6.4)	0.250 (6.4)	-	0.350 (8.89)	1.450 (36.83)	1	10,000	R6000
Fig. 2	THT-70-727-20	Polyimide	White	0.250 (6.4)	0.250 (6.4)	-	0.350 (8.89)	0.950 (24.13)	1	10,000	R6000
Fig. 1	THT-71-727-20	Polyimide	White	0.315 (8.0)	0.315 (8.0)	0.700 (17.78)	0.300 (7.62)	2.950 (74.93)	4	10,000	R6000
Fig. 2	THT-38-727-10	Polyimide	White	0.375 (9.5)	0.375 (9.5)	-	0.350 (8.89)	1.200 (30.48)	1	10,000	R6000
Fig. 2	THT-12-727-10	Polyimide	White	0.500 (12.7)	0.437 (11.1)	-	0.350 (8.89)	2.200 (55.88)	1	10,000	R6000
Fig. 2	THT-14-727-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	-	0.350 (8.89)	1.200 (30.48)	1	10,000	R6000
Fig. 1	THT-47-727-10	Polyimide	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.78)	0.300 (7.62)	2.950 (74.93)	4	10,000	R4300
Fig. 1	THT-1-727-10	Polyimide	White	0.750 (19.0)	0.250 (6.4)	0.250 (6.35)	0.375 (9.50)	3.200 (81.28)	12	10,000	R4300
Fig. 2	THT-46-727-10	Polyimide	White	0.750 (19.0)	0.250 (6.4)	-	0.375 (9.53)	3.200 (81.28)	1	2,500	R4300
Fig. 1	THT-2-727-10	Polyimide	White	0.900 (22.8)	0.250 (6.4)	0.662 (16.81)	0.537 (13.64)	3.350 (85.09)	5	10,000	R4300
Fig. 1	THT-49-727-10	Polyimide	White	0.900 (22.8)	0.250 (6.4)	1.125 (28.575)	0.350 (8.89)	3.350 (85.09)	3	10,000	R4300
Fig. 1	THT-42-727-10	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1.075 (27.31)	0.475 (12.07)	3.350 (85.09)	3	10,000	R4300
Fig. 1	THT-103-727-10	Polyimide	White	1.000 (25.4)	0.250 (6.4)	0.700 (17.78)	0.300 (7.62)	2.950 (74.93)	4	10,000	R6000
Fig. 1	THT-58-727-10	Polyimide	White	1.000 (25.4)	0.375 (9.5)	0.800 (20.32)	0.350 (8.89)	3.350 (85.09)	4	10,000	R6000
Fig. 2	THT-59-727-10	Polyimide	White	1.000 (25.4)	0.500 (12.7)	-	0.350 (8.89)	0.950 (24.13)	1	10,000	R6000
Fig. 2	THT-43-727-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	-	0.350 (8.89)	1.100 (27.94)	1	10,000	R6000
Fig. 1	THT-13-727-10	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1.250 (31.75)	0.375 (9.53)	2.750 (69.85)	2	10,000	R6000
Fig. 2	THT-44-727-10	Polyimide	White	1.375 (34.9)	0.250 (6.4)	-	0.225 (5.72)	1.700 (43.18)	1	10,000	R6000
Fig. 2	THT-60-727-10	Polyimide	White	1.500 (38.1)	0.125 (3.2)	-	0.600 (15.24)	1.200 (30.48)	1	10,000	R6000
Fig. 2	THT-45-727-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.350 (8.89)	2.200 (55.88)	1	10,000	R6000
Fig. 2	THT-4-727-10	Polyimide	White	1.500 (38.1)	0.250 (6.4)	-	0.287 (7.29)	1.200 (30.48)	1	10,000	R6000
Fig. 1	THT-48-727-10	Polyimide	White	2.000 (50.8)	0.250 (6.4)	0.320 (8.13)	0.350 (8.89)	2.370 (60.20)	7	20,000	R6000

View the Material Brands & Attributes Guide on page 4.

Benchtop Printer Ribbons on page 184.

Full Material Properties on page 187.