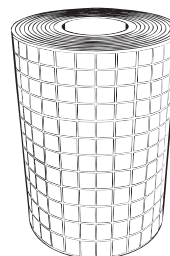


specifications

Thermal transfer polyimide adhesive label material shall be specially designed for circuit board manufacturing where there will be direct contact with wave solder and IR flow. The label shall withstand flash temperatures as high as 617°F for up to 5 minutes, and temperatures up to 482°F for 30 minutes. The label shall withstand harsh solvents, oils, and chemicals without over-lamination. The label shall be white in color with a permanent acrylic adhesive and supplied on rolls. Labels shall offer crisp, clear legends with superior legibility when printed on a thermal transfer desktop printer utilizing the resin ribbon designated for use and shall meet requirements for MIL-STD-202F, Notice 12 Method 215J.



technical information

Material:	White polyimide label with pressure sensitive acrylic adhesive
Print method:	Thermal transfer
Temperature range:	-40°F to 350°F (-40°C to 177°C)
Maximum intermittent temperature:	482°F (250°C)/ > 30 minutes 527°F (275°C)/ > 20 minutes 572°F (300°C)/ > 10 minutes 617°F (325°C)/ > 5 minutes
Recommended ribbon:	Resin ribbon for desktop printer (TDP42H series – RHR4BL-S)
UL recognized:	File No. MH14979
RoHS compliance:	Material is RoHS compliant per European Directive 2002/95/EC on the Restriction of Hazardous Substances (RoHS)

key features and benefits

Material resistance to harsh conditions	Withstands flash temperatures as high as 617°F for up to 5 minutes and temperatures up to 482°F for 30 minutes; withstands harsh solvents, oils, and chemicals without over-lamination to provide long-life and reliability
Variety of sizes	Full range of sizes ensures the correct label for the application
Labeling software capabilities	Generate labels quickly and easily with PANDUIT® EASY-MARK™ Labeling Software; labeling application tools assist in the creation of optimum identifiers and labels for common labeling applications; advanced importing and bar coding capabilities reduce errors and save time

applications

PANDUIT polyimide adhesive label material is specially designed to withstand direct contact with wave solder and IR flow associated with the circuit board manufacturing process. The labels endure flash temperatures as high as 617°F for up to 5 minutes, and temperatures up to 482°F for 30 minutes, harsh solvents, oils, and chemicals without over-lamination.

The labels are white in color with a permanent acrylic adhesive, supplied on three inch cores for easy loading and offer crisp, clear legends with superior legibility. When printed on a PANDUIT thermal transfer desktop printer utilizing the resin ribbon the labels meet the print performance requirements for MIL-STD-202F, Notice 12 Method 215J.

Polyimide Component Labels

Size	Part Number
.25" x .25" (6.3mm x 6.3mm):	C025X025KBT
.38" x .38" (9.6mm x 9.6mm):	C038X038KBT
.50" x .44" (12.7mm x 11.1mm):	C050X044KBT
.60" x .20" (15.2mm x 5.1mm):	C060X020KBT
.75" x .25" (19.0mm x 6.3mm):	C075X025KBT
.80" x .20" (20.3mm x 5.1mm):	C080X020KBT
.90" x .25" (22.8mm x 6.3mm):	C090X025KBT
1.00" x .25" (25.4mm x 6.3mm):	C100X025KBT
1.00" x .38" (25.4mm x 9.6mm):	C100X038KBT
1.25" x .25" (31.7mm x 6.3mm):	C125X025KBT
1.50" x .25" (38.1mm x 6.3mm):	C150X025KBT
1.60" x .20" (40.6mm x 5.1mm):	C160X020KBT
2.00" x .25" (50.8mm x 6.3mm):	C200X025KBT
3.00" x .25" (76.2mm x 6.3mm):	C300X025KBT

Labeling Software

EASY-MARK™
Labeling Software: PROG-EMCD3
CAD-CONNECT™
Labeling Software: PROG-CCCD

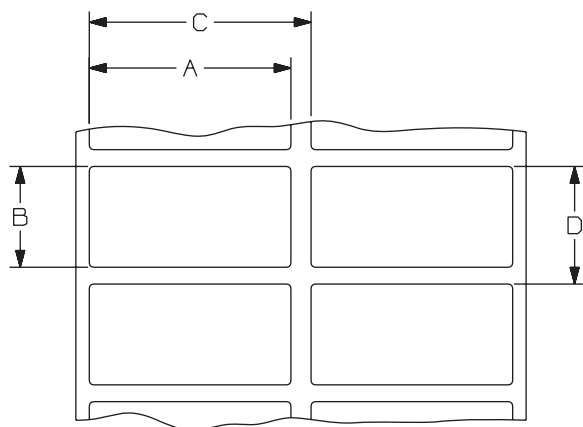
Thermal Transfer Desktop Printers

203 DPI:	TDP42H
305 DPI:	TDP43H
609 DPI:	TDP46H



Polyimide Component Labels

Part Number	Description	Color	Width 'A'	Height 'B'	Horizontal Repeat 'C'	Vertical Repeat 'D'	Labels per Row	Package Quantity	Carton Quantity
C025X025KBT	Polyimide Component Label	White	.25" (6.3mm)	.25" (6.3mm)	.25" (6.3mm)	.38" (9.6mm)	12	10,000	40,000
C038X038KBT	Polyimide Component Label	White	.38" (9.6mm)	.38" (9.6mm)	.44" (11.1mm)	.50" (12.7mm)	7	10,000	40,000
C050X044KBT	Polyimide Component Label	White	.50" (12.7mm)	.44" (11.1mm)	.56" (14.0mm)	.56" (14.0mm)	5	10,000	40,000
C060X020KBT	Polyimide Component Label	White	.60" (15.2mm)	.20" (5.1mm)	.65" (16.5mm)	.33" (8.4mm)	3	10,000	40,000
C075X025KBT	Polyimide Component Label	White	.75" (19.0mm)	.25" (6.3mm)	.75" (19.0mm)	.38" (9.6mm)	3	10,000	40,000
C080X020KBT	Polyimide Component Label	White	.80" (20.3mm)	.20" (5.1mm)	.80" (20.3mm)	.33" (8.4mm)	3	10,000	40,000
C090X025KBT	Polyimide Component Label	White	.90" (22.8mm)	.25" (6.3mm)	.98" (24.8mm)	.38" (9.6mm)	3	10,000	40,000
C100X025KBT	Polyimide Component Label	White	1.00" (25.4mm)	.25" (6.3mm)	1.08" (27.4mm)	.38" (9.6mm)	3	10,000	40,000
C100X038KBT	Polyimide Component Label	White	1.00" (25.4mm)	.38" (9.6mm)	1.08" (27.4mm)	.50" (12.7mm)	3	10,000	40,000
C125X025KBT	Polyimide Component Label	White	1.25" (31.7mm)	.25" (6.3mm)	1.33" (33.7mm)	.38" (9.6mm)	2	10,000	40,000
C150X025KBT	Polyimide Component Label	White	1.50" (38.1mm)	.25" (6.3mm)	1.58" (40.0mm)	.38" (9.6mm)	2	5,000	20,000
C160X020KBT	Polyimide Component Label	White	1.60" (40.6mm)	.20" (5.1mm)	n/a	.33" (8.4mm)	1	10,000	40,000
C200X025KBT	Polyimide Component Label	White	2.00" (50.8mm)	.25" (6.3mm)	n/a	.38" (9.6mm)	1	5,000	20,000
C300X025KBT	Polyimide Component Label	White	3.00" (76.2mm)	.25" (6.3mm)	n/a	.38" (9.6mm)	1	5,000	20,000



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