

Kapton® labels

Tyco Electronics polyimide (Kapton®) labels are all ideal for high temperature labeling requirements such as printed circuit boards. They are suitable for direct wave (bottom side) and IR reflow (top side) PCB applications. Tyco Electronics Kapton® labels are designed to withstand the fluxes, cleaning solvents and molten solder encountered in the manufacture of printed circuit boards. They offer excellent contrast for bar code applications. Tyco Electronics Kapton® labels are suitable for the harshest high temperature applications. For reliable print performance and durability, use with Tyco Electronics's 1330-0619 ribbon.

Features and benefits

- UL Listed: T1K and T2K
- Thermal transfer printable
- High temperature permanent acrylic adhesive

T1K

- Gloss white topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Low profile 1 mil film offers polyimide thermal performance at competitive cost
- Ideal for manual apply applications

T2K

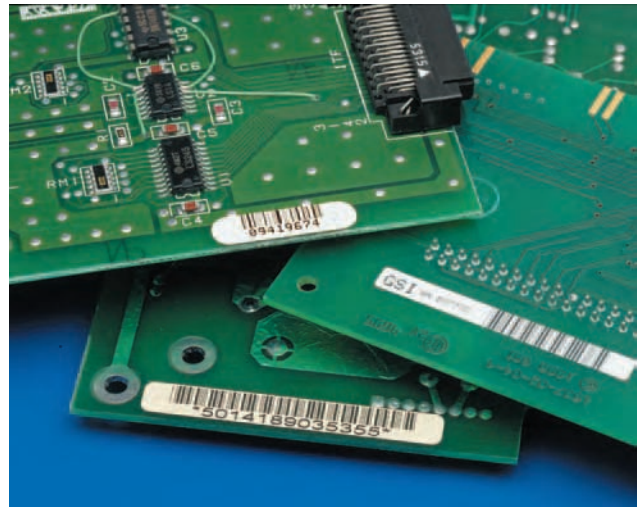
- Gloss white topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Ideal for auto apply applications

KTT

- Matte tan topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Product approved for aerospace/defense applications.
- Low outgassing

TSK

- High opacity gloss white topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Deemed to be a static safe product in accordance with EIA 625, EIA 541. Test methods employed were in accordance with EOS/ESD S11.11
- Ideal for auto apply applications



Specifications/Approvals

Tyco Electronics		T1K	TTDS-034
		T2K	TTDS-035
		TSK	TTDS-085
Industry	UL	T1K	MH17292 Group PGJ12
		T2K	MH17292 Group PGJ12

Adhesive

Permanent acrylic

Service temperature

T1K ¹ , T2K ² ,	-40°C to +260°C	-40°F to +500°F
TSK ² , KTT ²		

¹ Flash exposure to +472°C (+800°F)
² Flash exposure to +538°C (+1000°F)

Recommended printer

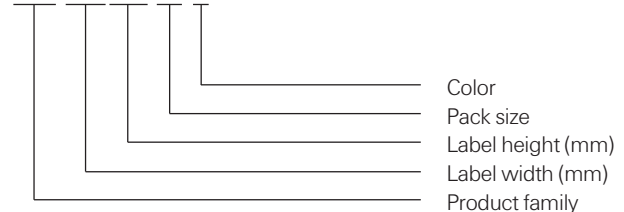
T1K, T2K, TSK, T2Y	T312S*
KTT	

Recommended ribbon

1330-0619-10*
 * Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

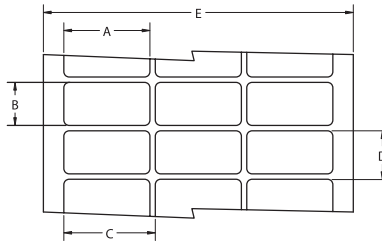
Part numbering system

T1K-044033-10-9



T1K White Kapton® labels

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A)		Label height (B)		Horizontal repeat (C)		Vertical repeat (D)		Web width (E)	
			mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>
T1K-044033-10-9	10,000	20	4.4	<i>0.170</i>	3.3	<i>0.130</i>	4.4	<i>0.170</i>	9.5	<i>0.375</i>	92.4	<i>3.636</i>
T1K-064064-25-9	25,000	12	6.4	<i>0.250</i>	6.4	<i>0.250</i>	6.4	<i>0.250</i>	9.5	<i>0.375</i>	82.2	<i>3.240</i>
*T1K-080080-10-9	10,000	8	8.0	<i>0.315</i>	8.0	<i>0.315</i>	9.9	<i>0.390</i>	13.3	<i>0.525</i>	83.3	<i>3.280</i>
T1K-095080-25-9	25,000	5	9.5	<i>0.375</i>	8.0	<i>0.315</i>	12.2	<i>0.480</i>	12.7	<i>0.500</i>	64.3	<i>2.531</i>
T1K-095095-10-9	10,000	7	9.5	<i>0.375</i>	9.5	<i>0.375</i>	11.1	<i>0.437</i>	12.7	<i>0.500</i>	82.1	<i>3.230</i>
T1K-127032-10-9	10,000	5	12.7	<i>0.500</i>	3.2	<i>0.125</i>	19.1	<i>0.750</i>	3.2	<i>0.250</i>	94.9	<i>3.736</i>
T1K-127111-10-9	10,000	5	12.7	<i>0.500</i>	11.1	<i>0.437</i>	16.8	<i>0.662</i>	14.3	<i>0.563</i>	86.0	<i>3.380</i>
T1K-127127-10-9	10,000	5	12.7	<i>0.500</i>	12.7	<i>0.500</i>	15.9	<i>0.625</i>	15.9	<i>0.625</i>	82.6	<i>3.250</i>
*T1K-165051-25-9	25,000	4	16.5	<i>0.650</i>	5.1	<i>0.200</i>	17.8	<i>0.700</i>	8.3	<i>0.325</i>	75.8	<i>2.990</i>
T1K-171171-10-9	10,000	5	17.1	<i>0.674</i>	17.1	<i>0.674</i>	19.7	<i>0.774</i>	20.3	<i>0.800</i>	101.8	<i>4.006</i>
*T1K-178095-10-9	10,000	4	17.8	<i>0.700</i>	9.5	<i>0.375</i>	19.1	<i>0.750</i>	12.7	<i>0.500</i>	80.9	<i>3.190</i>
*T1K-191064-10-9	10,000	4	19.1	<i>0.750</i>	6.4	<i>0.250</i>	21.6	<i>0.850</i>	9.5	<i>0.375</i>	89.9	<i>3.540</i>
T1K-229064-10-9	10,000	3	22.9	<i>0.900</i>	6.4	<i>0.250</i>	28.6	<i>1.125</i>	9.5	<i>0.375</i>	86.0	<i>3.390</i>
T1K-254045-10-9	10,000	3	25.4	<i>1.000</i>	4.6	<i>0.180</i>	31.8	<i>1.250</i>	8.5	<i>0.333</i>	95.3	<i>3.750</i>
T1K-254064-10-9	10,000	3	25.4	<i>1.000</i>	6.4	<i>0.250</i>	27.9	<i>1.100</i>	9.5	<i>0.375</i>	87.3	<i>3.436</i>
T1K-254097-10-9	10,000	3	25.4	<i>1.000</i>	9.7	<i>0.380</i>	27.9	<i>1.100</i>	12.7	<i>0.500</i>	87.4	<i>3.440</i>
T1K-254127-10-9	10,000	3	25.4	<i>1.000</i>	12.7	<i>0.500</i>	27.9	<i>1.100</i>	16.9	<i>0.666</i>	87.4	<i>3.440</i>
T1K-254254-10-9	10,000	3	25.4	<i>1.000</i>	25.4	<i>1.000</i>	27.9	<i>1.100</i>	28.6	<i>1.125</i>	87.4	<i>3.440</i>
*T1K-305047-10-9	10,000	2	30.5	<i>1.200</i>	4.7	<i>0.185</i>	33.0	<i>1.300</i>	7.8	<i>0.306</i>	69.5	<i>2.736</i>
T1K-318064-10-9	10,000	1	31.8	<i>1.250</i>	6.4	<i>0.250</i>	N/A	N/A	9.5	<i>0.375</i>	37.9	<i>1.490</i>
T1K-381020-10-9	10,000	1	38.1	<i>1.500</i>	2.0	<i>0.080</i>	N/A	N/A	10.7	<i>0.423</i>	44.1	<i>1.740</i>
*T1K-381127-5-9	5,000	2	38.1	<i>1.500</i>	12.7	<i>0.500</i>	44.2	<i>1.738</i>	15.9	<i>0.625</i>	88.2	<i>3.472</i>
T1K-381381-2-5-9	2,500	2	38.1	<i>1.500</i>	38.1	<i>1.500</i>	44.5	<i>1.750</i>	40.8	<i>1.607</i>	88.9	<i>3.500</i>
T1K-445064-10-9	10,000	1	44.5	<i>1.750</i>	6.4	<i>0.250</i>	N/A	N/A	9.5	<i>0.375</i>	50.4	<i>1.986</i>
T1K-445102-5-9	5,000	1	44.5	<i>1.750</i>	10.2	<i>0.400</i>	N/A	N/A	12.7	<i>0.500</i>	50.4	<i>1.386</i>
T1K-508064-10-9	10,000	1	50.8	<i>2.000</i>	6.4	<i>0.250</i>	N/A	N/A	9.5	<i>0.375</i>	56.9	<i>2.240</i>
T1K-508095-5-9	5,000	1	50.8	<i>2.000</i>	9.5	<i>0.375</i>	N/A	N/A	12.7	<i>0.500</i>	57.2	<i>2.250</i>
T1K-508127-5-9	5,000	1	50.8	<i>2.000</i>	12.7	<i>0.500</i>	N/A	N/A	15.9	<i>0.625</i>	56.9	<i>2.240</i>

* NOTE: Kapton®/polyimide labels not compatible with T200 Printers