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Figure 1 is a graph showing Temperature ($^{\circ}\text{C}$) versus Time for a typical heat treatment cycle. The curve starts at 25°C , rises through a preheat area, reaches a peak temperature T_p , and then falls. Key parameters labeled include:

- T_p : Peak Temperature
- T_L : Liquidus Temperature
- T_{smax} : Solidus Maximum Temperature
- T_{smin} : Solidus Minimum Temperature
- t_s : Soak Time
- t_L : Cooling Time
- t_p : Peak Time
- MAX. RAMP UP RATE = 3°C/s
- MAX. RAMP DOWN RATE = 6°C/s
- $T_c - 5^{\circ}\text{C}$: Cooling Rate
- PREHEAT AREA: The area under the curve during the initial heating phase.

* Tolerance for peak profile temperature (Tp) is defined as a supplier minimum and a user maximum.

Figure 1 is a log-log plot showing the relationship between Pre-Arcing Time (Seconds) on the Y-axis and Current (A) on the X-axis. The Y-axis ranges from 0.0001 to 1 second, and the X-axis ranges from 0.1 to 100 A. The plot displays multiple curves representing different current ratings, ranging from 0.20 A to 5.00 A. The curves show that pre-arcing time decreases as current increases, and for a given current, the pre-arcing time is higher for higher current ratings.

Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.
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SF-0402FPxxxF Series Tape and Reel Packaging Specifications

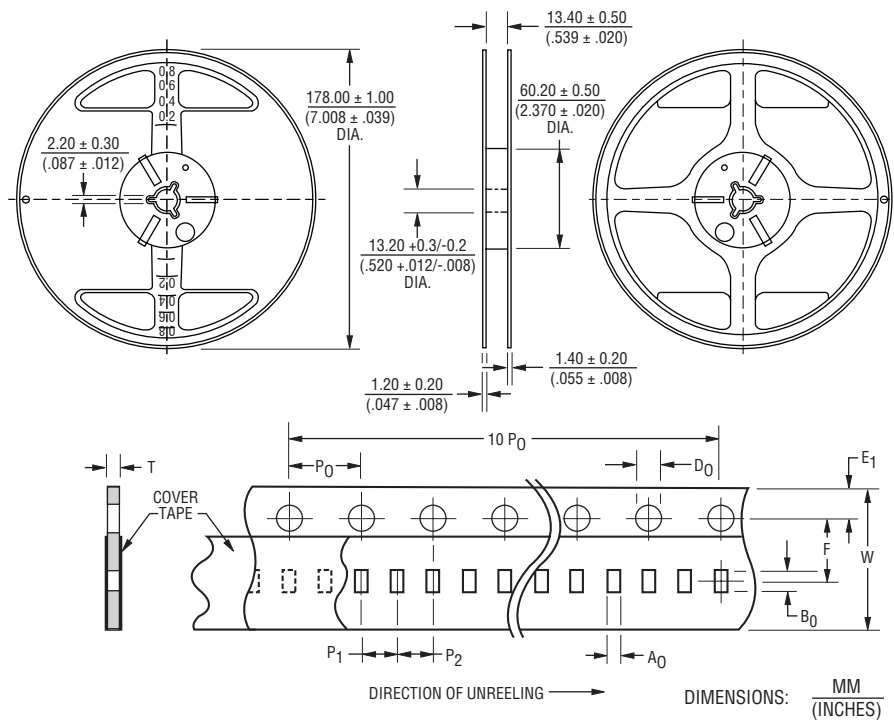
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SF-0402FPxxxF Series per EIA 481-2

Tape Dimensions

W	$\frac{8.00 \pm 0.10}{(.315 \pm .004)}$
P ₀	$\frac{4.0 \pm 0.10}{(.157 \pm .004)}$
P ₁	$\frac{2.0 \pm 0.05}{(.079 \pm .002)}$
P ₂	$\frac{2.0 \pm 0.05}{(.079 \pm .002)}$
A ₀	$\frac{0.61 \pm 0.05}{(.024 \pm .002)}$
B ₀	$\frac{1.15 \pm 0.05}{(.045 \pm .002)}$
F	$\frac{3.50 \pm 0.05}{(.138 \pm .002)}$
E ₁	$\frac{1.75 \pm 0.10}{(.069 \pm .004)}$
D ₀	$\frac{1.50 \pm 0.10}{(.059 \pm .004)}$
T	$\frac{0.43 \pm 0.03}{(.017 \pm .001)}$

PACKAGING: Paper tape, 20,000 pcs. per reel



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