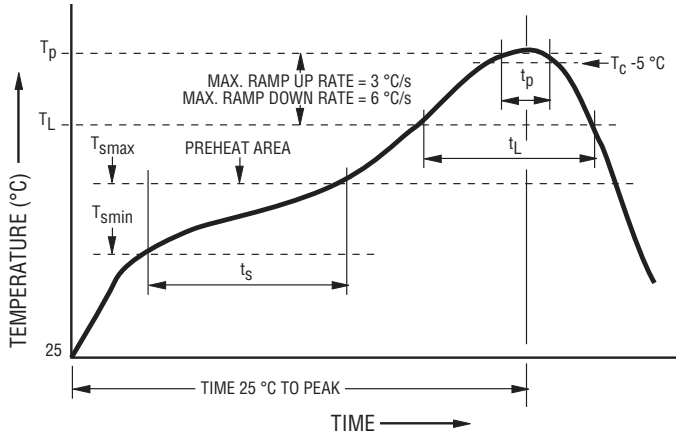


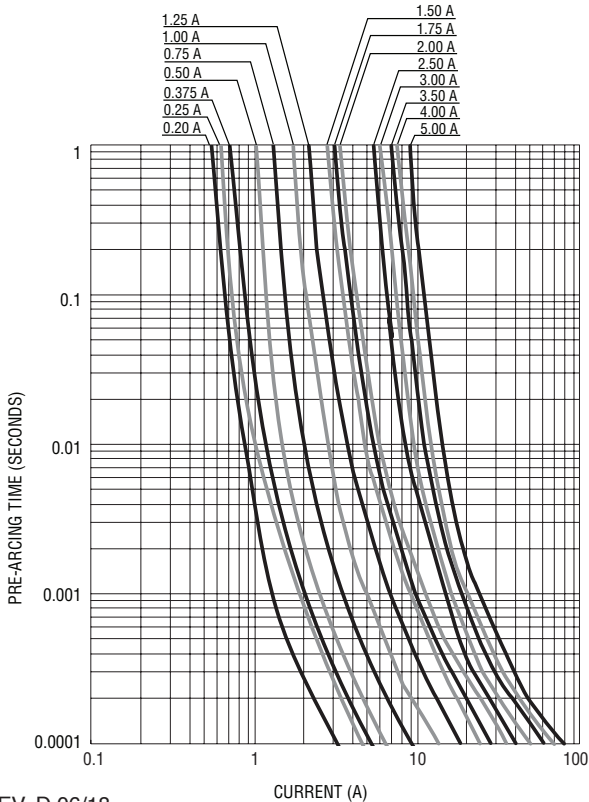
Solder Reflow Recommendations



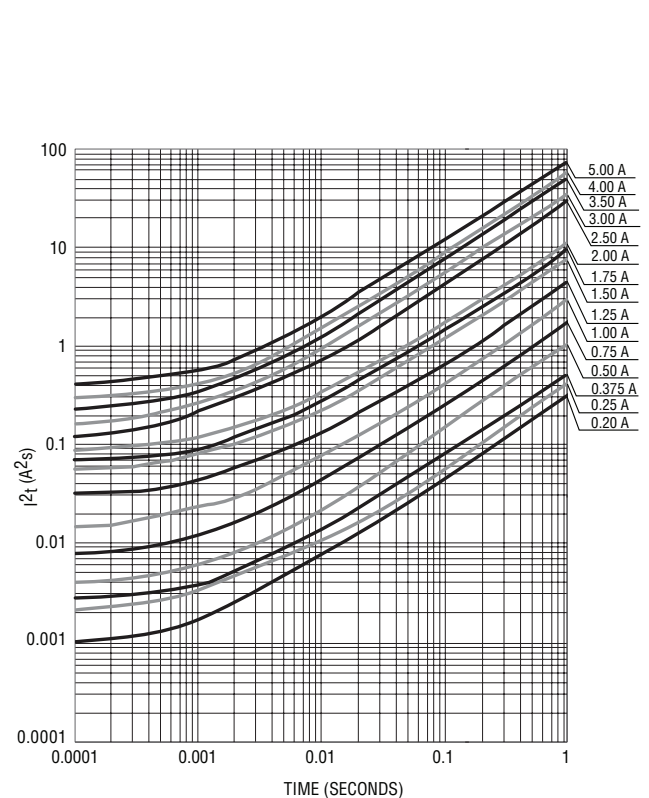
Profile Feature	Pb-Free Assembly
Preheat / Soak: Temperature Min. (T_{smin}) Temperature Max. (T_{smax}) Time (t_s) from (T_{smin} to T_{smax})	150 °C 200 °C 60~120 seconds
Ramp Up Rate (T_L to T_d)	3 °C / second max.
Liquidous Temperature (T_L) Time (t_L) maintained above T_L	217 °C 60~150 seconds
Peak Package Body Temperature (T_d)	260 °C
Time (t_p)* within 5 °C of the specified classification temperature (T_c)	30 seconds*
Ramp Down Rate (T_d to T_L)	6 °C / second max.
Time 25 °C to Peak Temperature	8 minutes max.

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

Average Pre-Arcing Time vs. Current Curves



Average I^2t vs. t Curves



REV. D 06/18

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

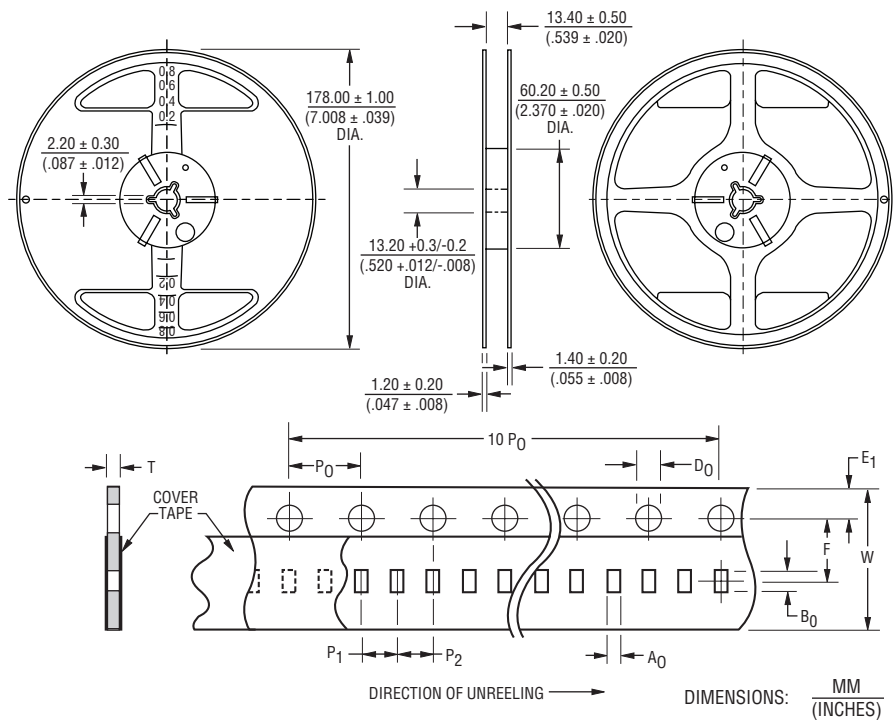
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SF-0402FPxxxF Series Tape and Reel Packaging Specifications

BOURNS®

Tape Dimensions	SF-0402FPxxxF Series per EIA 481-2
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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