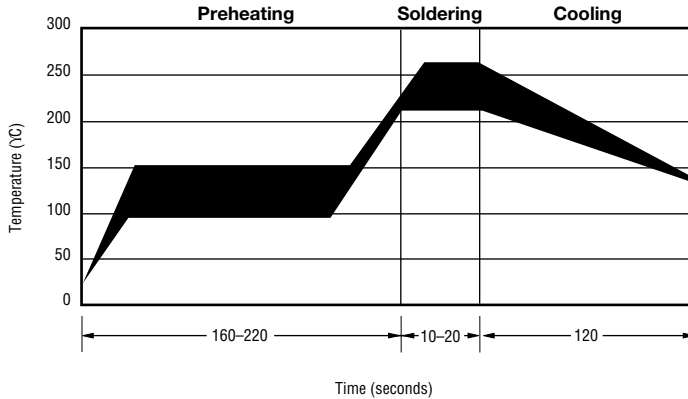


CMF-SDP Series - Telecom CPTC Resettable Fuses

BOURNS®

Solder Reflow Recommendations



Solder reflow

- Recommended reflow methods: IR, vapor phase oven, hot air oven.
- Devices are not designed to be wave soldered to the bottom side of the board.
- Gluing the devices is not recommended.
- Recommended maximum paste thickness is 0.25 mm (.010 inch).
- Devices can be cleaned using standard industry methods and solvents.

Note:

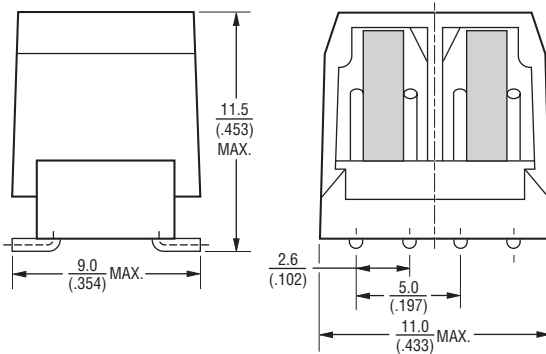
- If reflow temperatures exceed the recommended profile, devices may not meet the performance requirements.

Rework

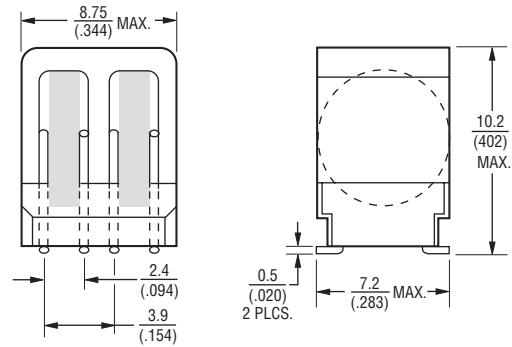
- A device should not be reworked.

Product Dimensions

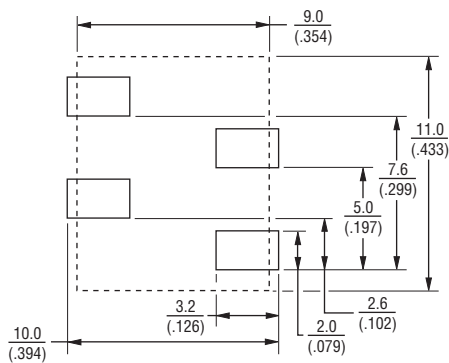
CMF-SDP05, 07, 10, 25, 35, 50 & 75



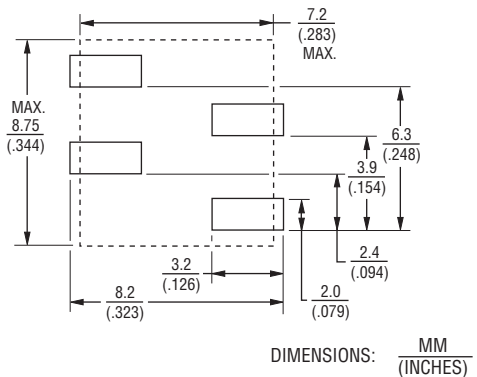
CMF-SDP10A, 25A, 35A, 50A & 75A



Recommended Pad Layout



Packaging - Tape and Reel: 350 pcs. per reel



Packaging - Tape and Reel: 400 pcs. per reel

CMF-SDP SERIES, REV. F, 04/18

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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CMF-SDP Series Tape and Reel Specifications

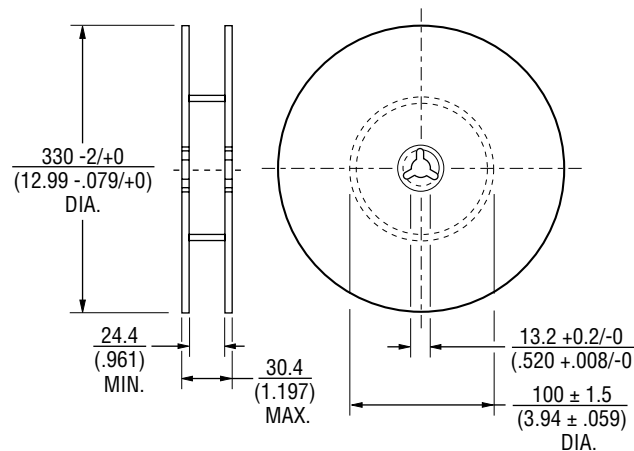
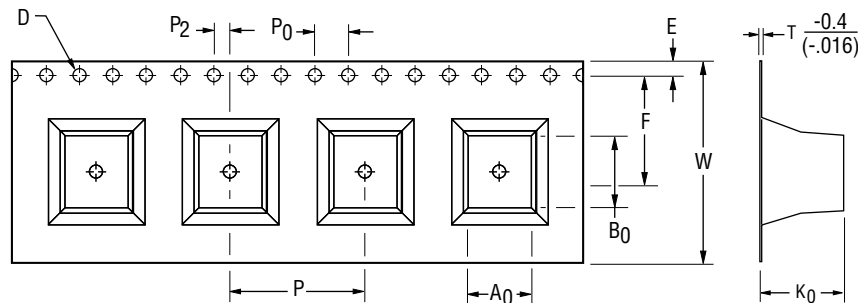
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Tape Dimensions per EIA 481-2

CMF-SDP10-2, CMF-SDP25-2, CMF-SDP35-2, CMF-SDP50-2, CMF-SDP75-2

CMF-SDP10A-2, CMF-SDP25A-2, CMF-SDP35A-2, CMF-SDP50A-2

W	$\frac{24.0 \pm 0.5}{(0.945 \pm 0.020)}$	$\frac{24.0 \pm 0.5}{(0.945 \pm 0.020)}$
P ₀	$\frac{4.0}{(0.157)}$	$\frac{4.0}{(0.157)}$
P	$\frac{16.0}{(0.630)}$	$\frac{16.0}{(0.630)}$
P ₂	$\frac{2.0}{(0.079)}$	$\frac{2.0}{(0.079)}$
A ₀	$\frac{9.2 \pm 0.2}{(0.362 \pm 0.008)}$	$\frac{7.5 \pm 0.2}{(0.295 \pm 0.008)}$
B ₀	$\frac{11.0 \pm 0.2}{(0.441 \pm 0.008)}$	$\frac{9.0 \pm 0.2}{(0.354 \pm 0.008)}$
D	$\frac{1.5}{(0.059)}$	$\frac{1.5}{(0.059)}$
F	$\frac{11.5}{(0.453)}$	$\frac{11.5}{(0.453)}$
E	$\frac{1.75}{(0.069)}$	$\frac{1.75}{(0.069)}$
t	$\frac{0.5 \pm 0.15}{(0.020 \pm 0.006)}$	$\frac{0.5 \pm 0.15}{(0.020 \pm 0.006)}$
K ₀	$\frac{11.5 \pm 0.2}{(0.453 \pm 0.008)}$	$\frac{10.0 \pm 0.2}{(0.394 \pm 0.008)}$



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

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