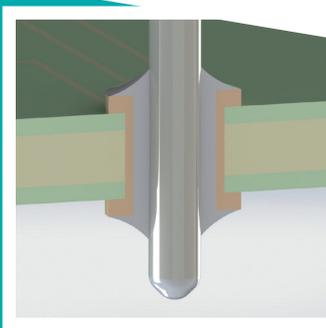
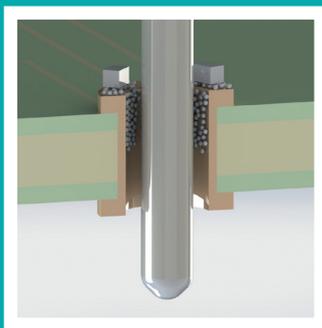
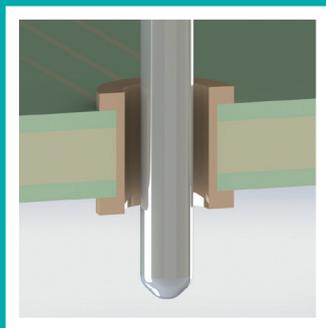
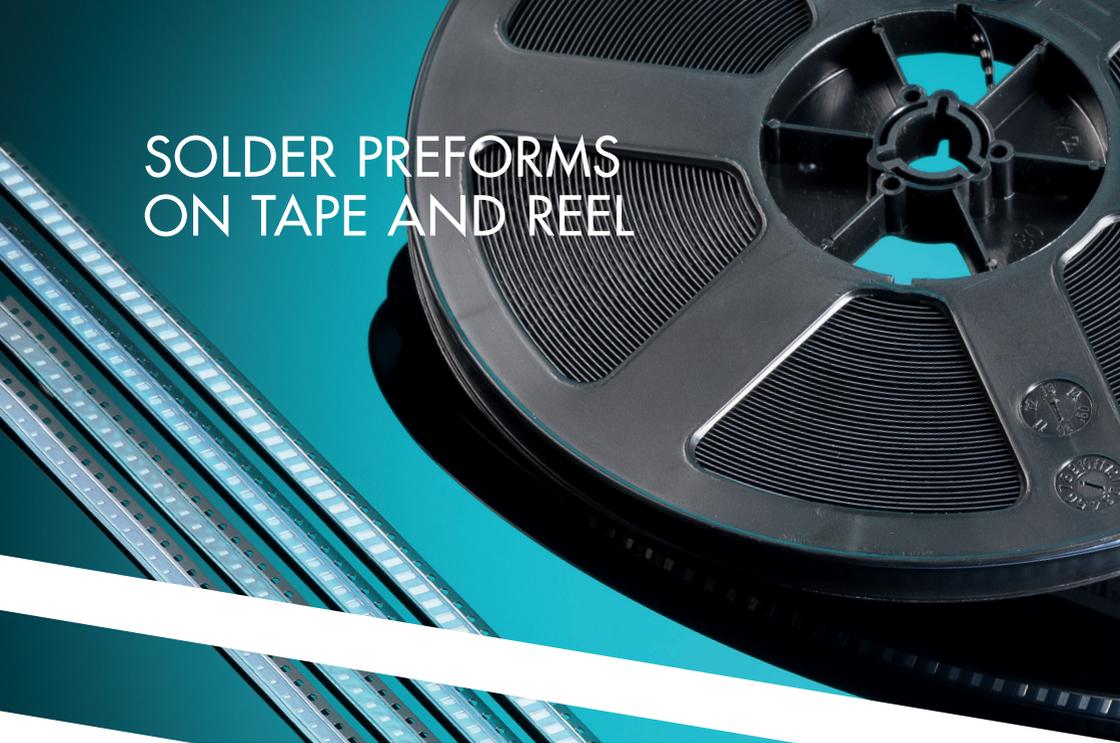


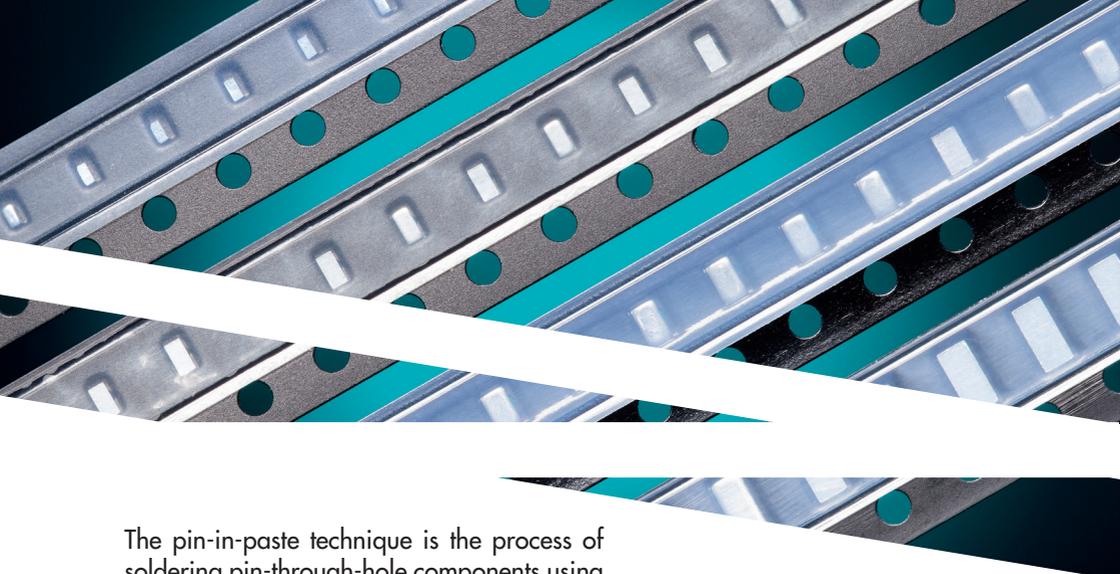
# SOLDER PREFORMS ON TAPE AND REEL



» THE TIGHTEST TOLERANCES  
TO ENSURE YOUR  
PRODUCT'S QUALITY



**PFARR**  
WIR BRINGEN LÖTE IN FORM  
GETTING SOLDER INTO SHAPE



The pin-in-paste technique is the process of soldering pin-through-hole components using surface mount technology otherwise known as through-hole-reflow. Different surface components require differing amounts of solder. This can be addressed by using stepped stencils or solder preforms.

## ADVANTAGES

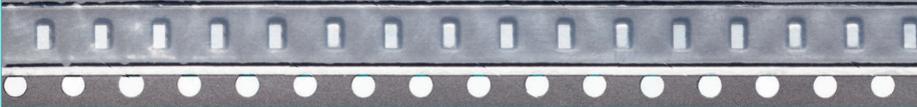
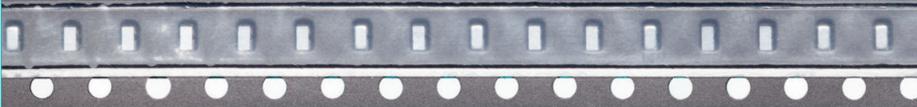
- Standard geometries from 0402 to 1406
- No change required to PCB-Layouts

## » COMMON SOLDER COMPOSITIONS

Alloy	Composition	Melting Temperature	Note
<b>SAC305</b>	Sn 96.5% Ag 3% Cu 0.5%	217 – 219 °C	Lead free (RoHS approved)
<b>SAC357</b>	Sn 95.8% Ag 3.5% Cu 0.7%	217 °C	Lead free (RoHS approved)
<b>SAC387</b>	Sn 95.5% Ag 3.8% Cu 0.7%	217 °C	Lead free (RoHS approved)
<b>Sn96.5Ag3.5</b>	Sn 96.5% Ag 3.5%	217 °C	Lead free (RoHS approved)
<b>Sn63Pb37</b>	Sn 63% Pb 37%	183 °C	Lead-bearing
<b>Sn62Pb36Ag2</b>	Sn 62% Pb 36% Ag 2%	179 - 182 °C	Lead-bearing

*Your specific alloy requirements generally available on request.*

## » STANDARD SOLDER PREFORMS AND TAPE

Product	Packaging Unit
	
<b>SMD-0402 Half</b> $1,0 \pm 0,05 \times 0,5 \pm 0,05 \times 0,25 \pm 0,05$ mm Vol. 0,125 mm <sup>3</sup>	5.000 pcs. / Reel Ø 180 mm 25.000 pcs. / Reel Ø 330 mm
<b>SMD-0402</b> $1,0 \pm 0,05 \times 0,5 \pm 0,05 \times 0,5 \pm 0,05$ mm Vol. 0,25 mm <sup>3</sup>	5.000 pcs. / Reel Ø 180 mm 15.000 pcs. / Reel Ø 330 mm
	
<b>SMD-0603 Half</b> $1,6 \pm 0,05 \times 0,8 \pm 0,05 \times 0,5 \pm 0,05$ mm Vol. 0,64 mm <sup>3</sup>	4.000 pcs. / Reel Ø 180 mm 15.000 pcs. / Reel Ø 330 mm
<b>SMD-0603</b> $1,6 \pm 0,05 \times 0,8 \pm 0,05 \times 0,8 \pm 0,05$ mm Vol. 1,02 mm <sup>3</sup>	4.000 pcs. / Reel Ø 180 mm 15.000 pcs. / Reel Ø 330 mm
	
<b>SMD-0805 Half</b> $2,0 \pm 0,05 \times 1,2 \pm 0,05 \times 0,5 \pm 0,05$ mm Vol. 1,20 mm <sup>3</sup>	3.000 pcs. / Reel Ø 180 mm 15.000 pcs. / Reel Ø 330 mm
<b>SMD-0805</b> $2,0 \pm 0,05 \times 1,2 \pm 0,05 \times 0,8 \pm 0,05$ mm Vol. 1,92 mm <sup>3</sup>	3.000 pcs. / Reel Ø 180 mm 15.000 pcs. / Reel Ø 330 mm
	
<b>SMD-1406</b> $3,5 \pm 0,05 \times 1,5 \pm 0,05 \times 0,8 \pm 0,05$ mm Vol. 4,20 mm <sup>3</sup>	3.000 pcs. / Reel Ø 180 mm 15.000 pcs. / Reel Ø 330 mm



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