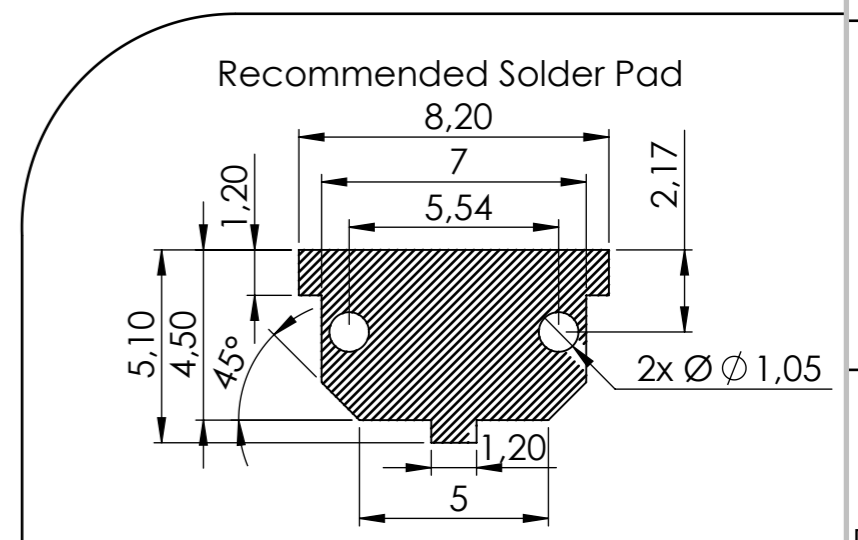
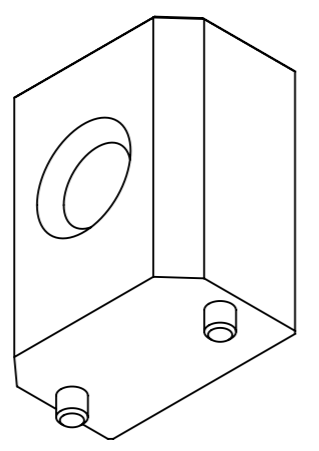
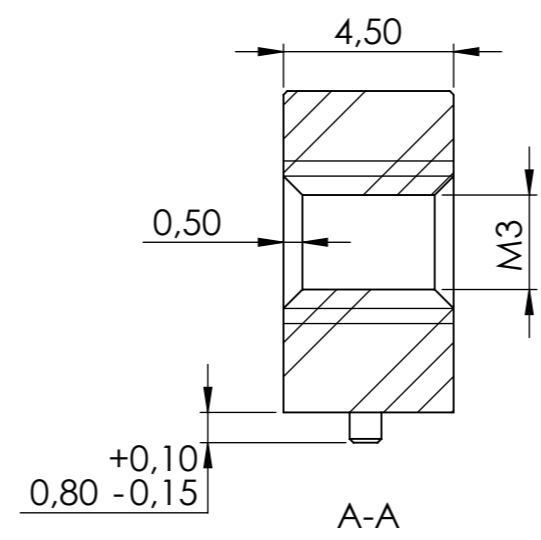
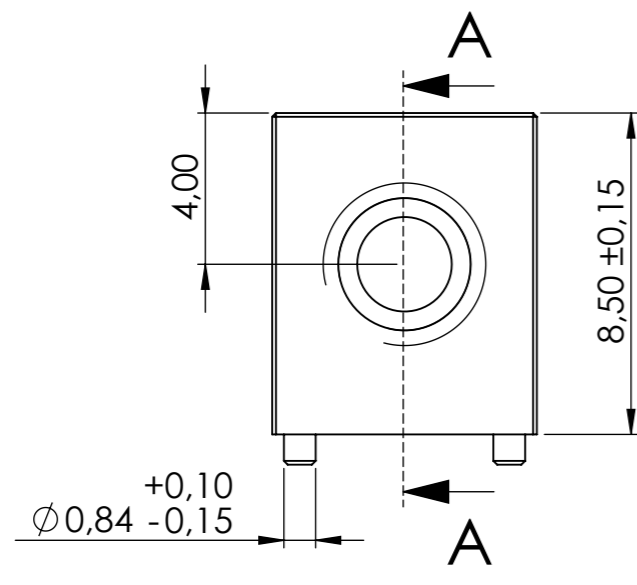
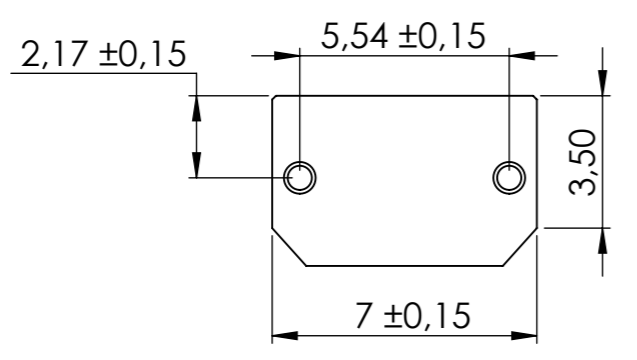
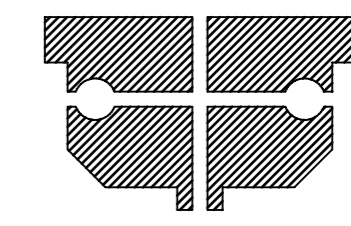


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If as a current-carrying element, then not plated.
 If used as a mechanical element, then plated for better mechanical support.

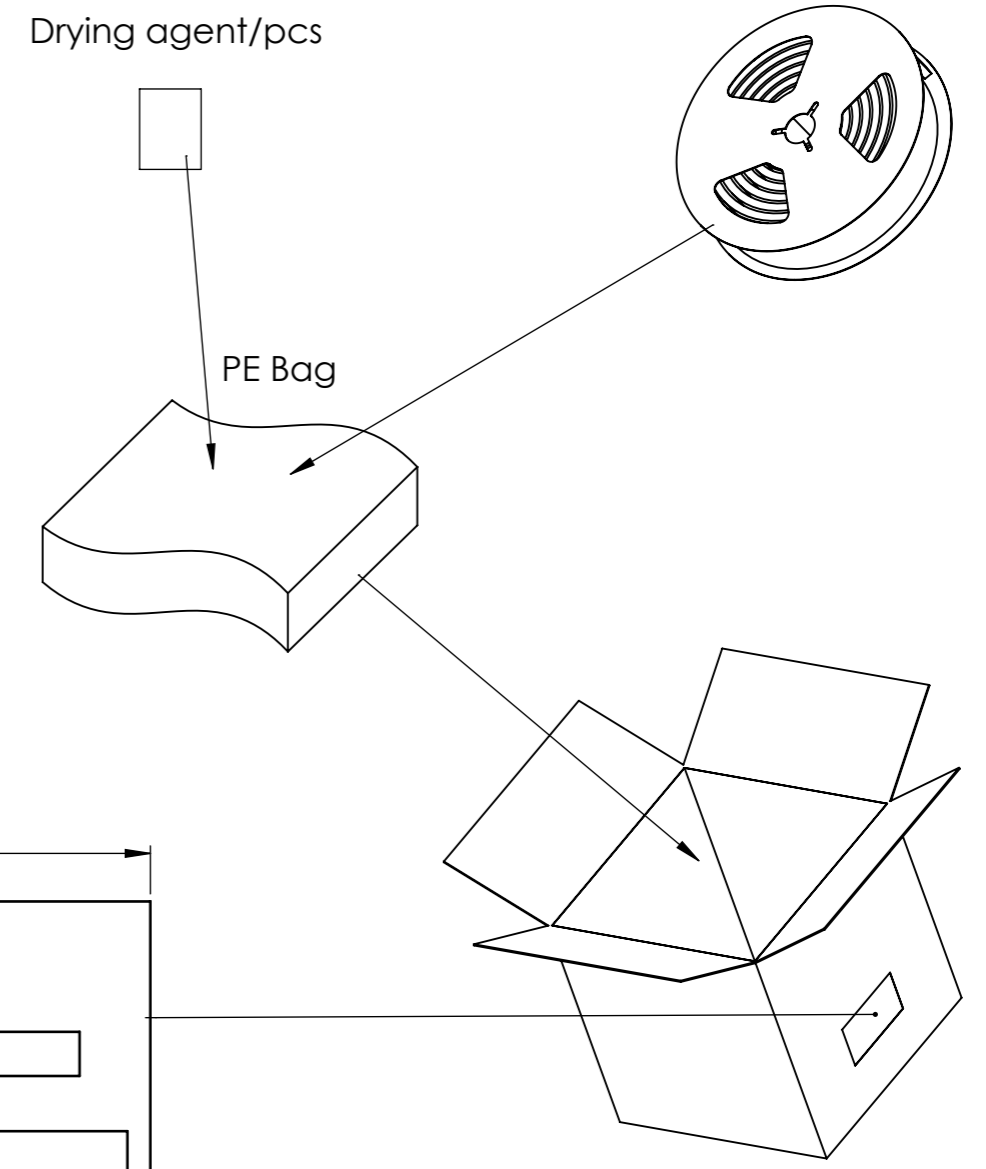
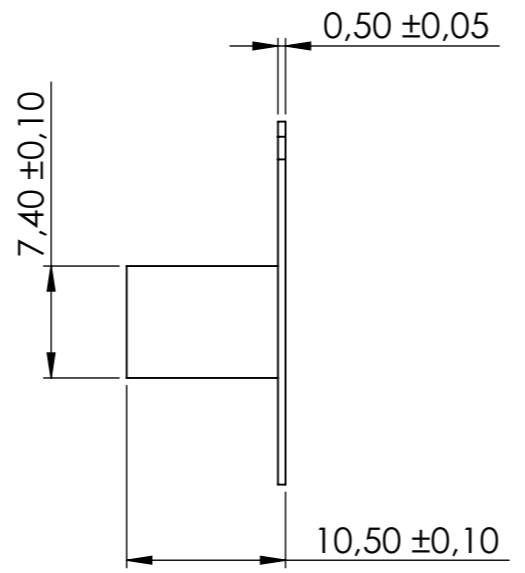
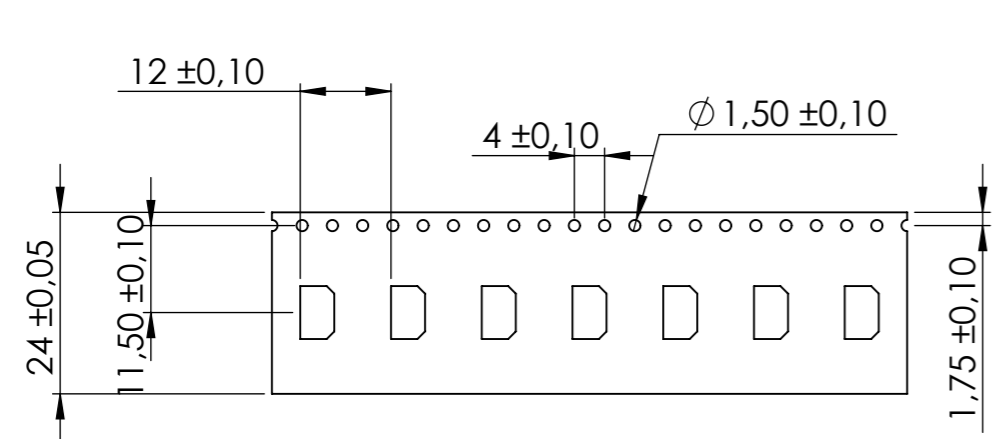
Recommended Stencil Masks:



						Order Code: SMTGRA3085MTJ	
						Description: SMT Terminal right angled M3 B7xT4.5xH8.5 with pins	
00	Created Part	19.Jun.23	K.M.	19.Jun.23	S.R.		
Rev:	Description of change	Date Created:	Name:	Date checked:	Name:	General Tolerances:	Partnumber:
RoHS compliant REACH compliant						X.±0.30 X.°±5° X.X±0.2 .X.°±2° X.XX±0.15 .XX°±1° X.XXX±0.10 .XXX°±0.5°	06450
Material: Steel						 info@samytronic.de www.samytronic.de	
Surface: Tin						MS-Level: 1	Samytronic GmbH Flensburger Str. 26 33605 Bielefeld Germany
Weight:	1.84	g	Area:	mm ²	Sheet size: A3	Unit: mm	Scale: 5:1 Projection
						Sheet: 1 OF 3	

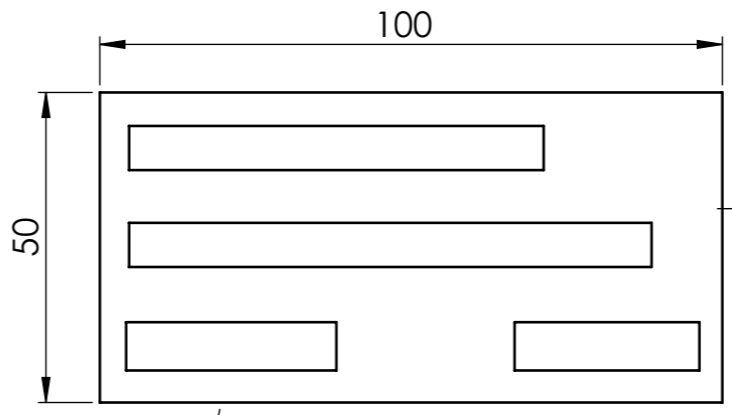
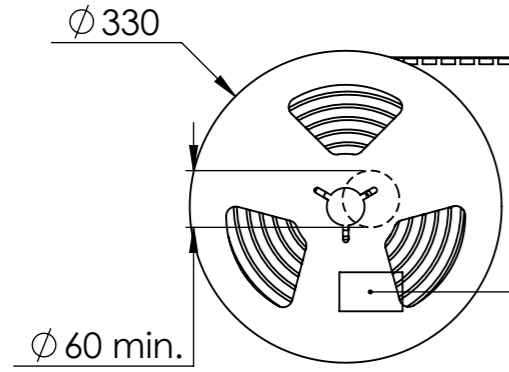
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	8	7	6	5	4	3	2	1						
	W	T	T2	K0	P0	P1	D0	E1	E2	F	Tape Name	VPE/packaging unit	Number of Reels	Box dimensions
tolerance												pcs.	pcs.	cm
size											Polystyrene	500		



Peeling direction of face tape

Peeling force: 0,3 - 1,2 N
 165° - 175°



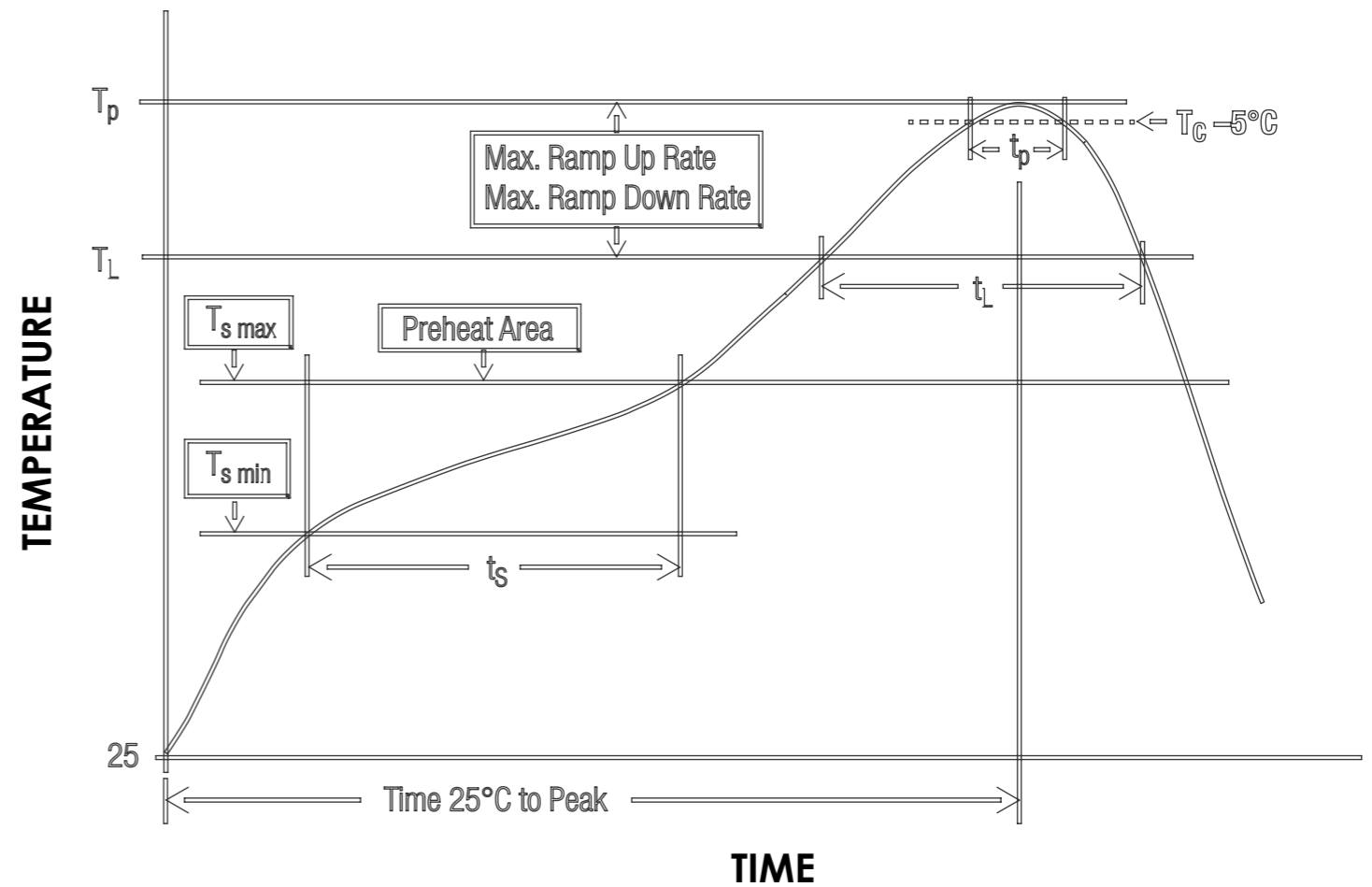
						Order Code:	
						Description:	
						Tape/Reel & Packaging	
00	Created Part	19.Jun.23	K.M.	19.Jun.23	S.R.		
Rev:	Description of change	Date Created:	Name:	Date checked:	Name:	General Tolerances:	Partnumber:
RoHS compliant REACH compliant						X.±0.30 X.°±5° X.X±0.2 .X°±2° X.XX±0.15 .XX°±1° X.XXX±0.10 .XXX°±0.5°	
Material:						 info@samytronic.de www.samytronic.de	
Surface:						MS-Level:	Samytronic GmbH Flensburger Str. 26 33605 Bielefeld Germany
Weight:	g	Area:	mm²	Sheet size:	A3	Unit:	mm
				Scale:	3:1	Projection:	
						Sheet: 2 OF 3	

CLASSIFICATION REFLOW PROFILE

Classification Reflow Soldering Profile:

Profile Feature	Value
Preheat Temperature Min (T_{smin}) ¹⁾	150 °C
Preheat Temperature Max (T_{smax})	200 °C
Preheat Time (t_s) from (T_{smin} to T_{smax})	60 - 120 seconds
Ramp-up rate (T_L to T_P)	3 °C/ second max.
Liquidous temperature (T_L)	217 °C
Time (t_L) maintained above T_L	60 - 150 seconds
Peak package body temperature (T_P)	$T_P \leq T_C$, see table below
Time (t_p)* within 5 °C of actual peak temperature	20 - 30 seconds
Ramp-down rate (T_P to T_L)	6 °C / second max.
Time 25 °C to peak temperature	8 minutes max.

1) refer to IPC/JEDEC J-STD-020E



Package Classification Reflow Temperature (T_c):

Properties	Volume mm ³ < 350	Volume mm ³ 350 - 2000	Volume mm ³ >2000
PB-Free Assembly Package Thickness < 1.6 mm ¹⁾	260 °C	260 °C	260 °C
PB-Free Assembly Package Thickness 1.6 mm - 2.5 mm	260 °C	250 °C	245 °C
PB-Free Assembly Package Thickness ≥ 2.5 mm	250 °C	245 °C	245 °C

1) refer to IPC/JEDEC J-STD-020E

					Order Code:	
					Description:	
					Classification Profile	
Rev:	Description of change	Date Created:	Name:	Date checked:	Name:	General Tolerances:
						X.±0.30 X.°±5° X.X±0.2 X.°±2° X.XX±0.15 .XX°±1° X.XXX±0.10 .XXX°±0.5°
RoHS compliant REACH compliant					Partnumber:	
Material:					 info@samytronic.de www.samytronic.de	
Surface:					MS-Level:	
Weight:	g	Area:	mm ²	Sheet size:	A3	Unit: mm
				Scale: 3:1	Projection	Sheet: 3 OF 3

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