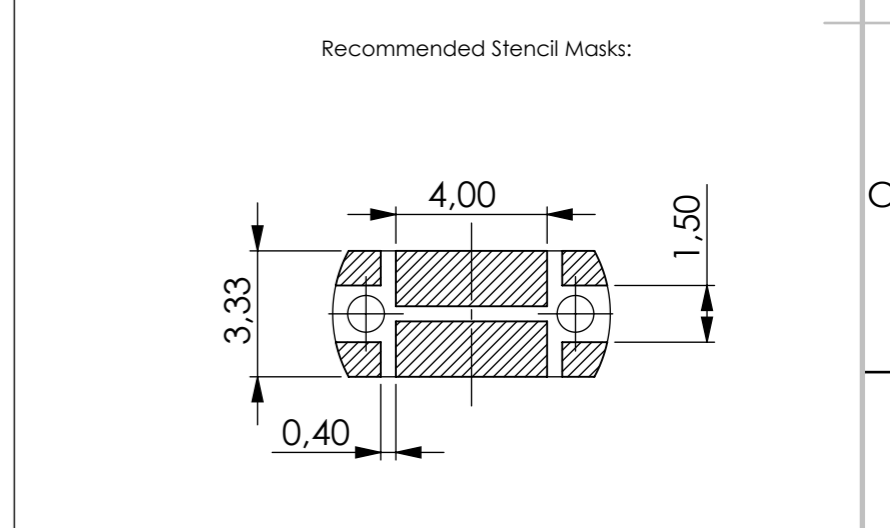
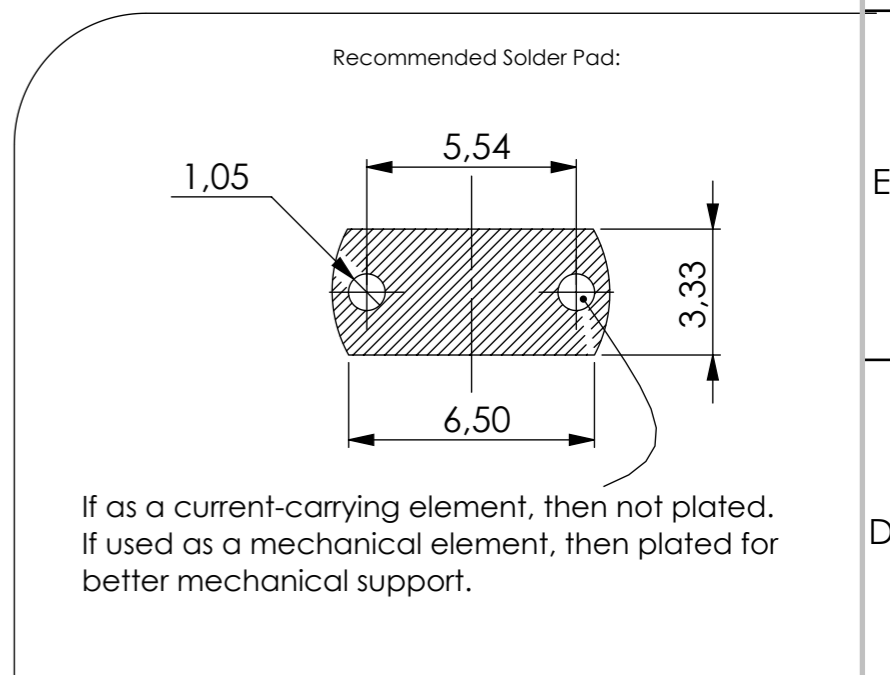
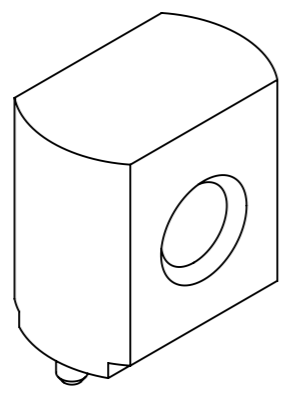
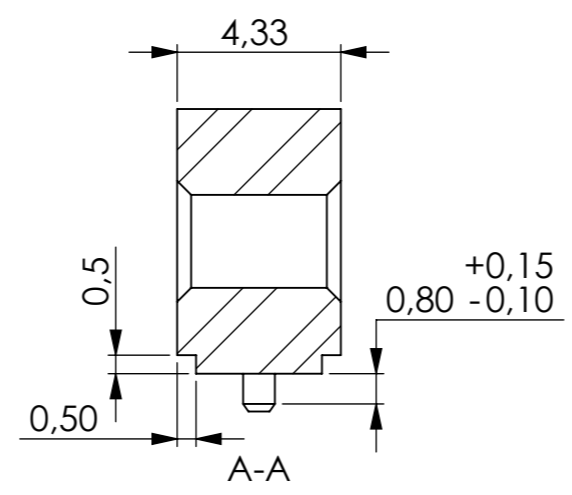
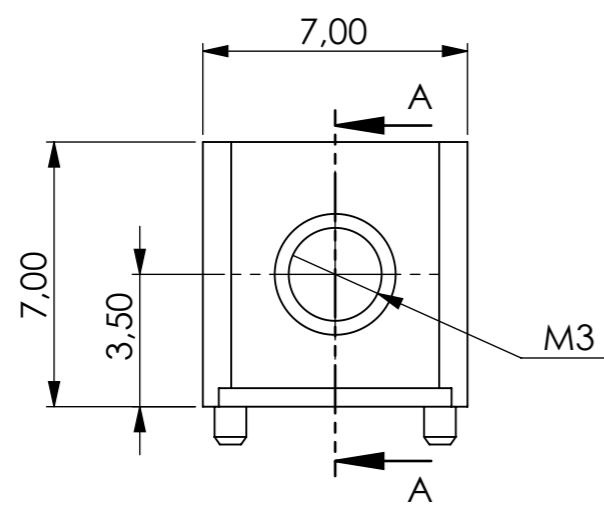
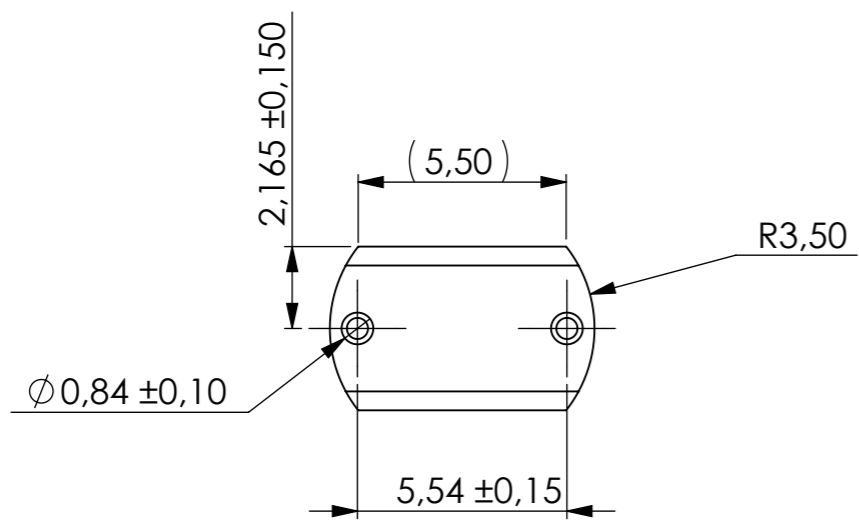
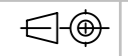


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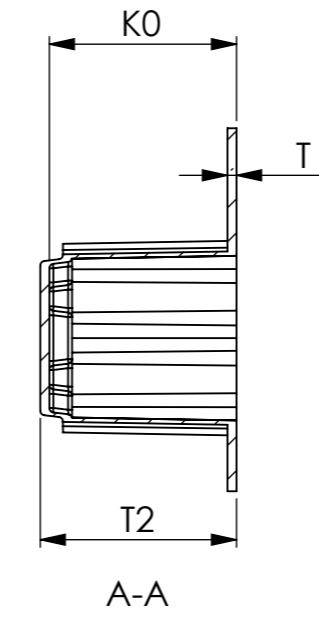
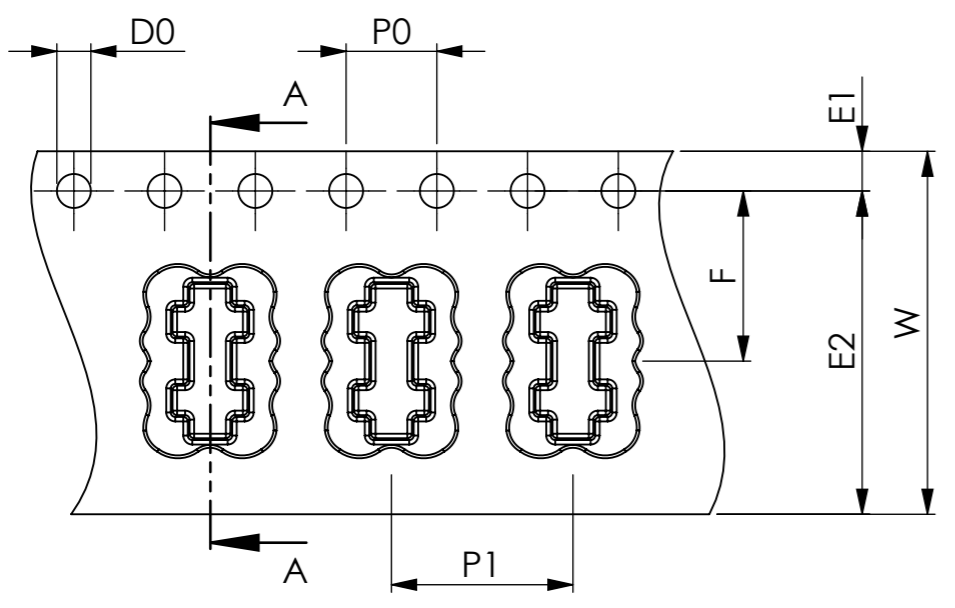


						Order Code:	SMTGTRA3070MTJ	
						Description:	SMT Terminals right angled M3 with Pin, Tape and Reel	
00	Created Part	19.Jun.23	K.M.	19.Jun.23	S.R.			
Rev:	Description of change	Date Created:	Name:	Date checked:	Name:	General Tolerances:	Partnumber:	
						X.±0.30 X.°±5° X.X±0.2 .X°±2° X.XX±0.15 .XX°±1° X.XXX±0.10 .XXX°±0.5°	108-002	
RoHS compliant REACH compliant								
Material: Steel								
Surface: Tin						MS-Level: 1	info@samytronic.de www.samytronic.de	
Weight: 1.36 g						Area: mm²	Sheet size: A3	
						Unit: mm	Scale: 5:1	
						Projection	Sheet: 1 OF 3	

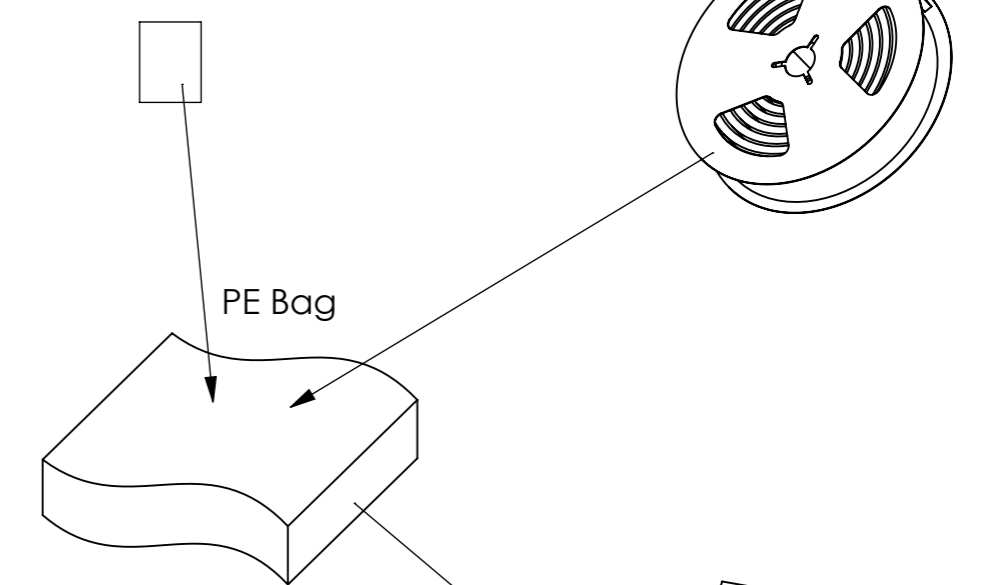


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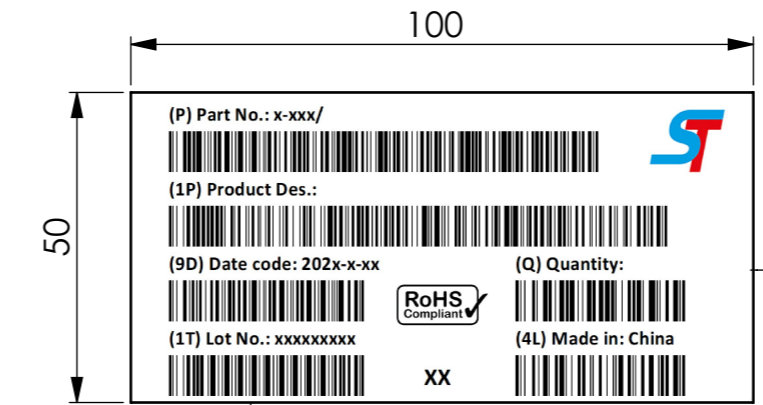
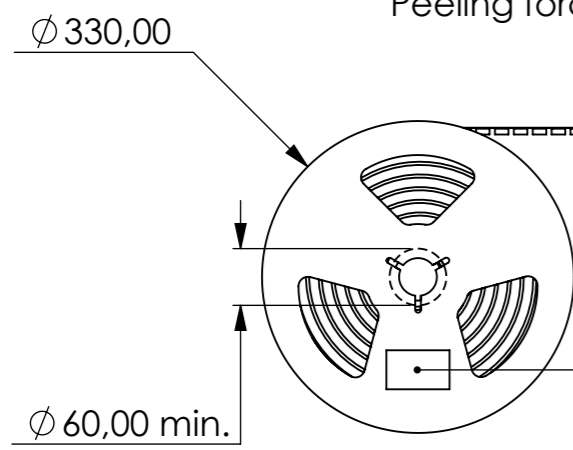
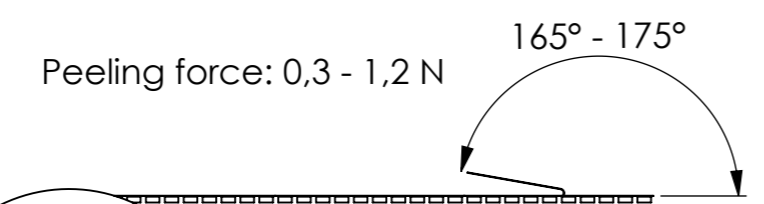
	8		7			6			5		4		3		2		1	
	W	T	T2	K0	P0	P1	D0	E1	E2	F	Tape Name	VPE/packaging unit	Number of Reels	Box dimensions				
tolerance	+0,3/-0,1	+0,05	max.	±0,15	±0,1	±0,1	+0,1/-0,0	±0,1	min.	±0,1		pcs.	pcs.	cm				
size	16,00		8,7		4,00	8,00	1,50	1,75	14,25	7,50	Polystyrene	1000						



Drying agent/pcs



Peeling direction of face tape →



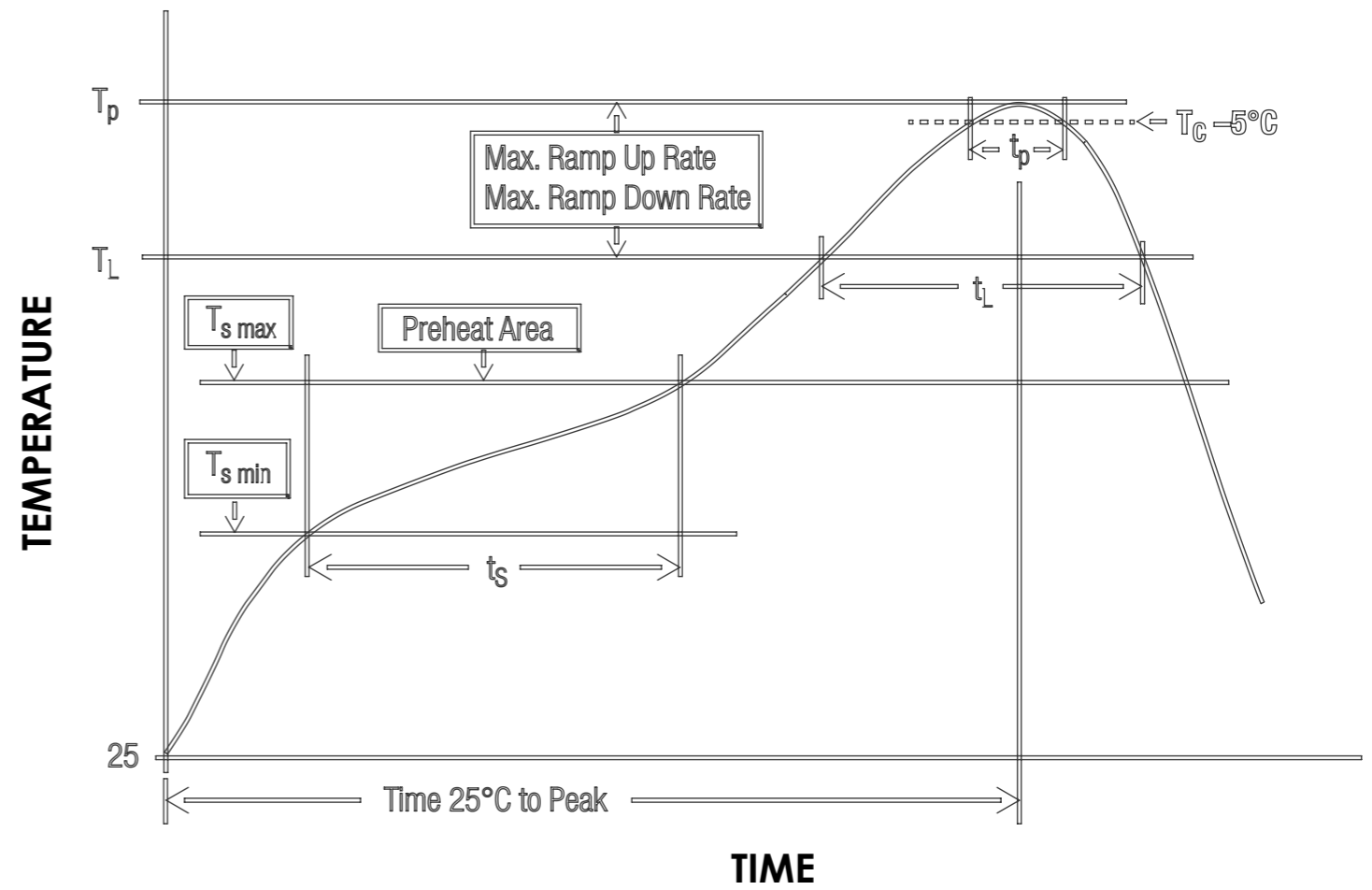
						Order Code:	
						Description:	
00	Created Part	19.Jun.23	K.M.	19.Jun.23	S.R.		
Rev:	Description of change	Date Created:	Name:	Date checked:	Name:	General Tolerances:	Partnumber:
RoHS compliant REACH compliant						X.±0.30 X.°±5° X.X±0.2 .X°±2° X.XX±0.15 .XX°±1° X.XXX±0.10 .XXX°±0.5°	 info@samytronic.de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

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