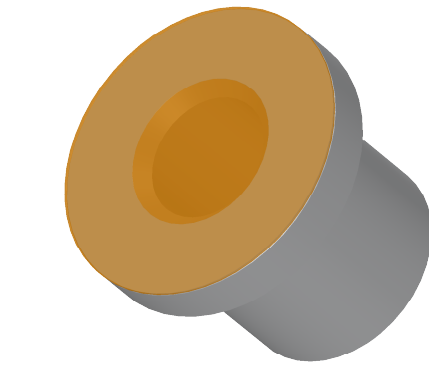


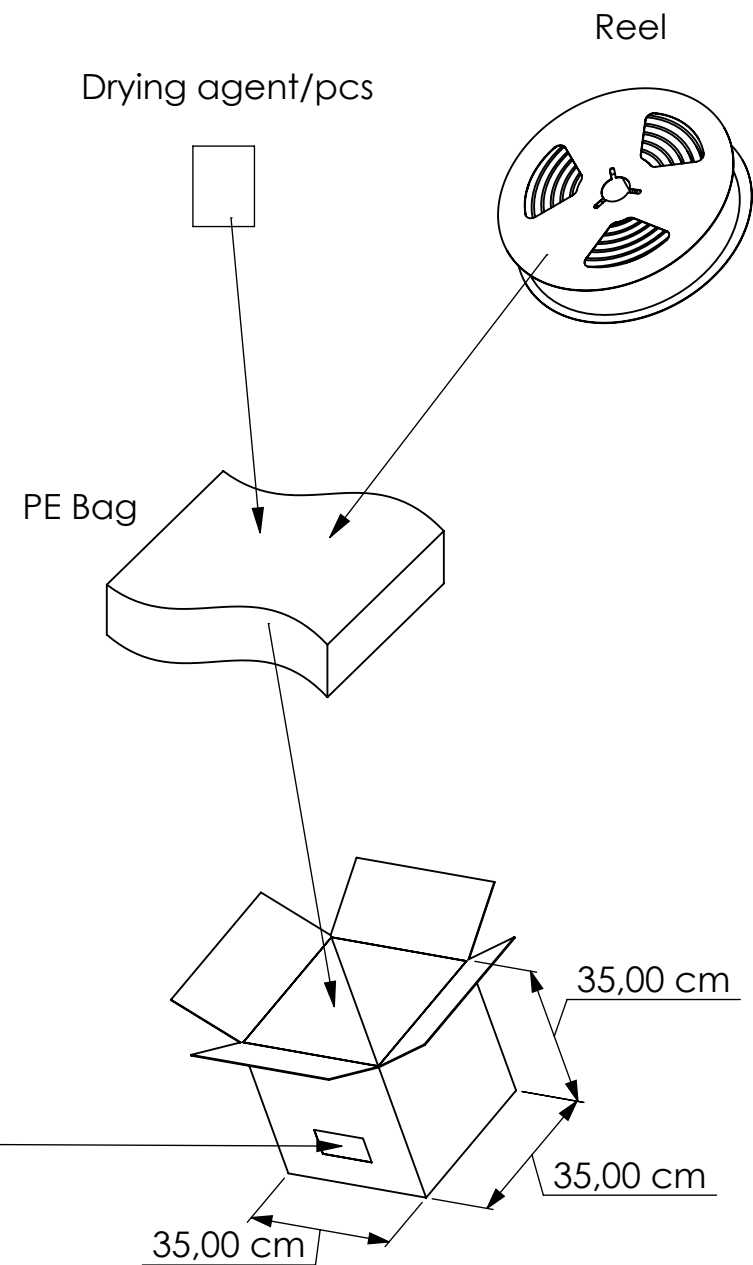
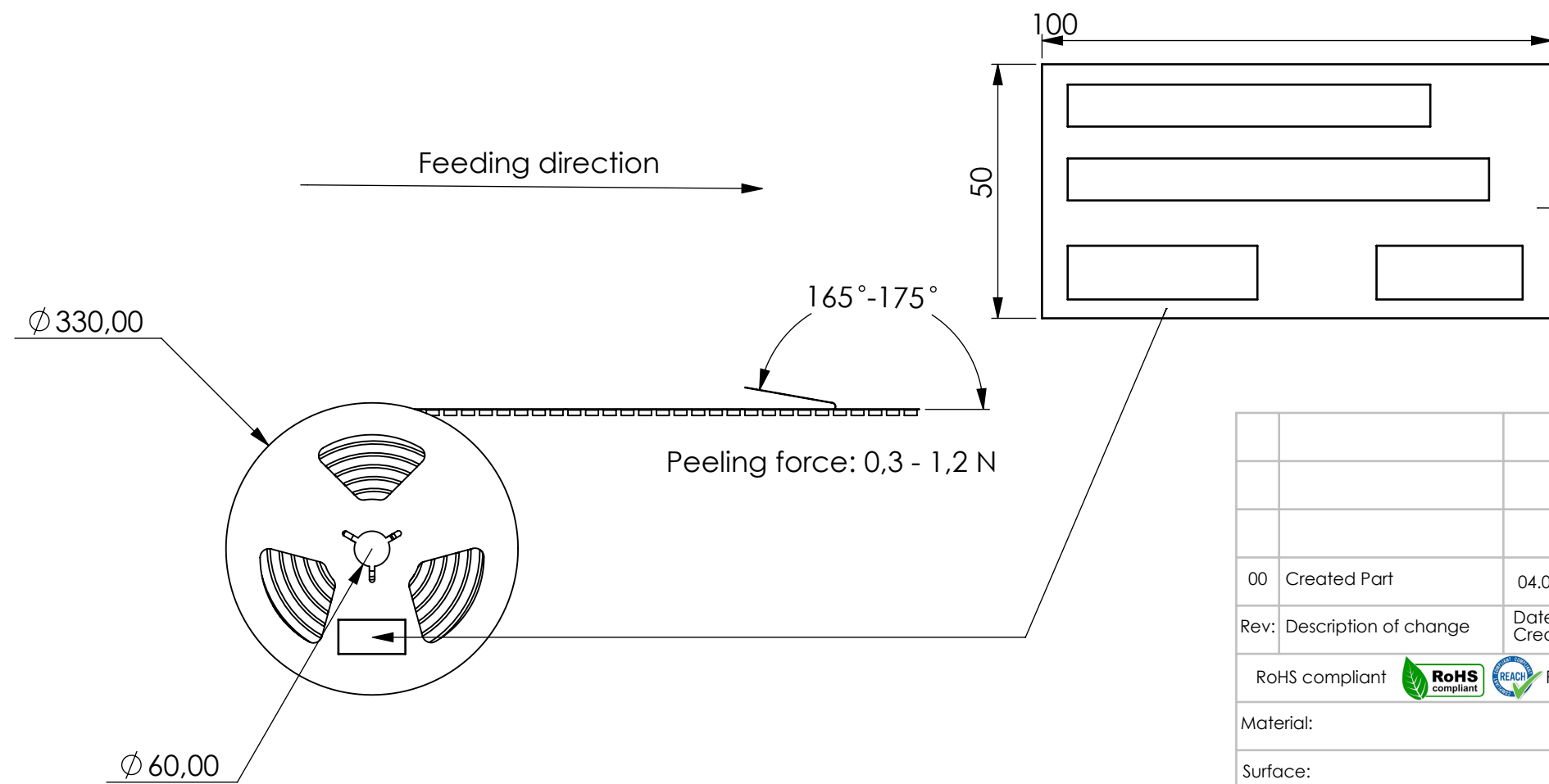
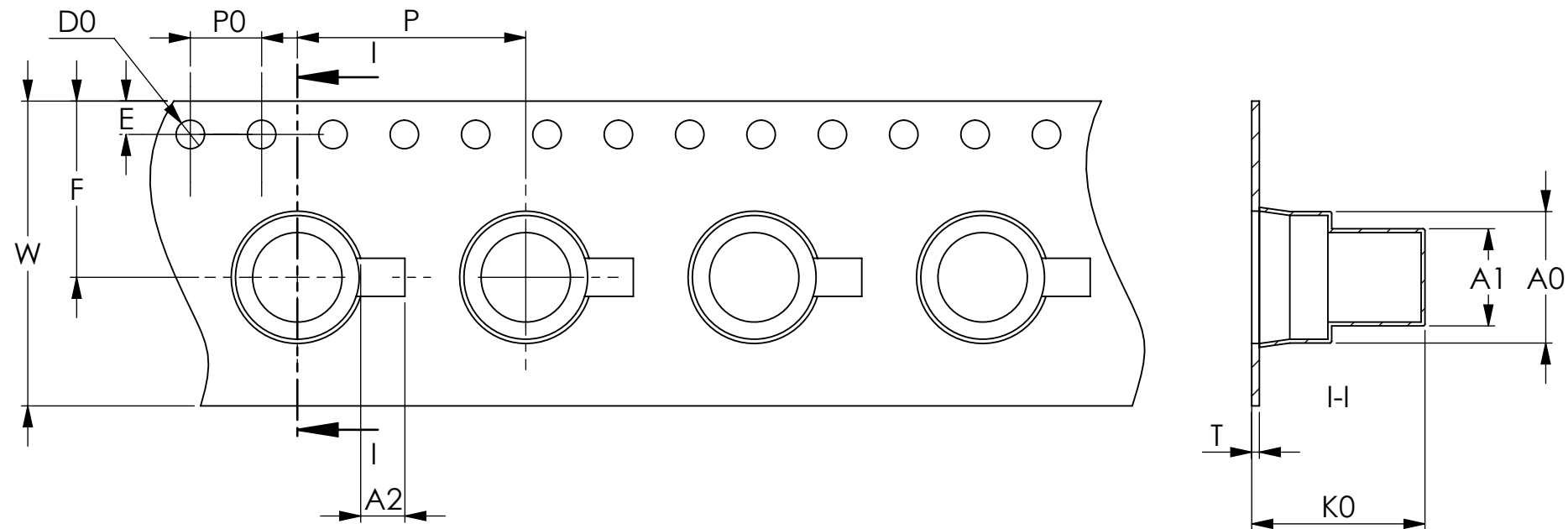
RoHS compliant  REACH compliant 

Sheet: 1 OF 3

Samytronic GmbH
Flensburger Str. 26
33605 Bielefeld
Germany

Copyright reserved to ISO 16016
The property and copyright of this drawing remains the company Samytronic GmbH. It is entrusted to you as the recipient for personal use only. Without a written permission from Samytronic GmbH this may not be copied and reproduced, or sent and made accessible to third parties, especially competitors. Doing so is obliged to pay compensation.

8			7				6				5			4		
	W	A0	A1	A2	K0	P	F	E	D0	P0	P2	T	Tape Name	VPE/packaging unit	Number of Reels	Box quantity
tolerance	±0,30	±0,10	±0,10	±0,10	±0,30	±0,20	±0,20	±0,20	±0,10	±0,20	±0,15	±0,05		pcs./reel	reels	pcs.
size	16,00	6,50	4,70	2,40	5,6	12,00	7,50	1,75	1,50	4,00	--	0,40	Polysterene	800	16	12800



00	Created Part	04.09.25	D.P.	04.09.25	S.R.	Order Code:	
Rev:	Description of change	Date Created:	Name:	Date checked:	Name:	Description:	
RoHS compliant REACH compliant						General Tolerances:	Partnumber:
Material:						X.±0.30 X.°±5°	
Surface:						X.X±0.2 .X°±2°	
Weight:						X.XX±0.15 .XX°±1°	
Area:						X.XXX±0.10 .XXX°±0.5°	
Sheet size: A3						MS-Level: 1	Samytronic GmbH Flensburger Str. 26 33605 Bielefeld Germany
Unit: mm						Scale: 3:1	Projection
Sheet 2 OF 3						Sheet: 2 OF 3	

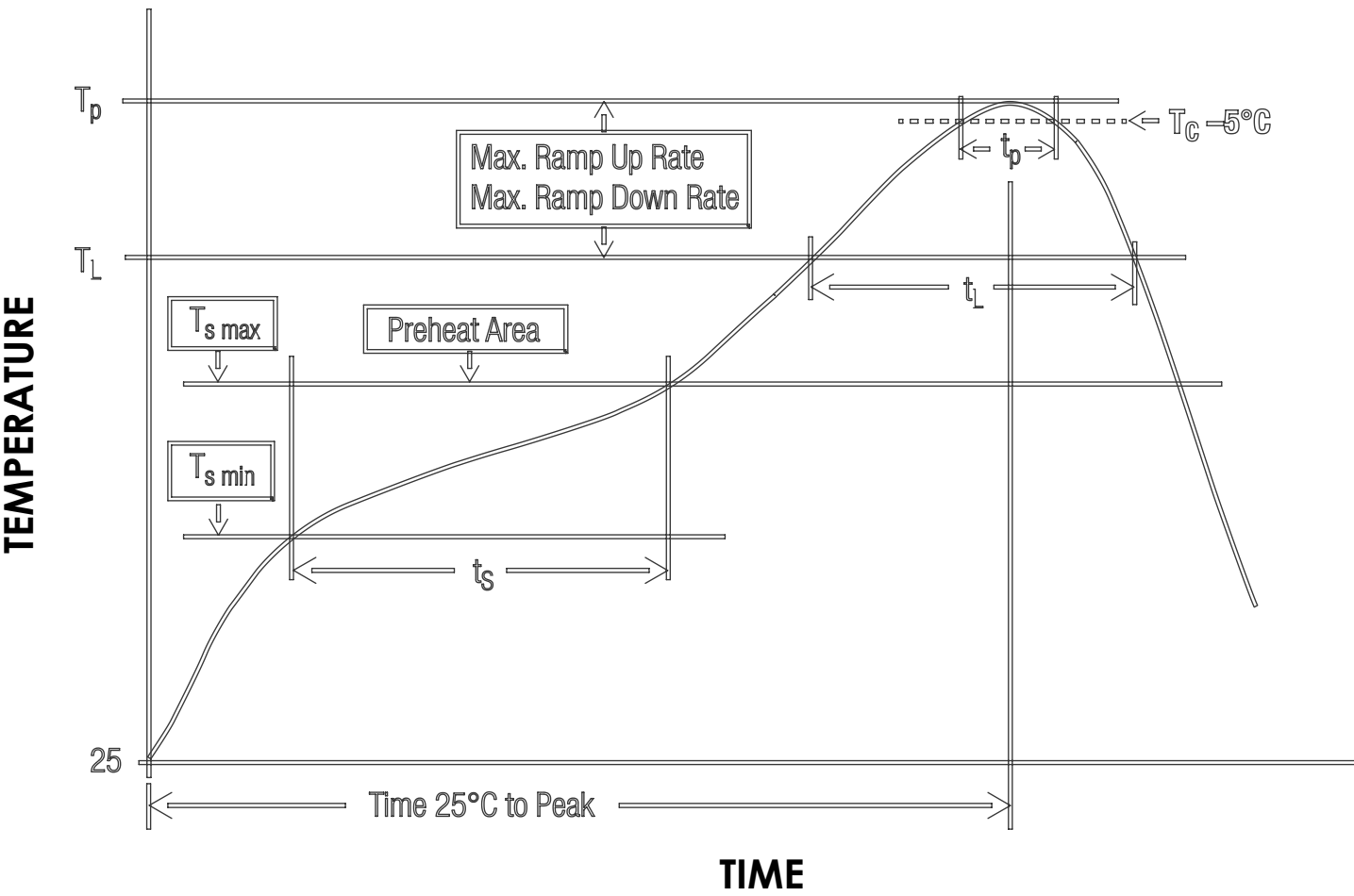
Copyright reserved to ISO 16016
The property and copyright of this drawing remains the company Samytronic GmbH. It is entrusted to you as the recipient for personal use only. Without a written permission from Samytronic GmbH this may not be copied and reproduced, or sent and made accessible to third parties, especially competitors. Doing so is obliged to pay compensation.

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 (Tc):

Properties	Volume mm³ < 350	Volume mm³ 350 - 2000	Volume mm³ >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:	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°	
Material:						 Samytronic GmbH Flensburger Str. 26 33605 Bielefeld Germany	
Surface:						MS-Level:	info@samytronic.de www.samytronic.de
Weight:	g	Area:	mm²	Sheet size:	A3	Unit: mm	Scale: 3:1 Projection 
							Sheet: 3 Of 3