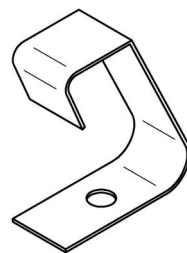
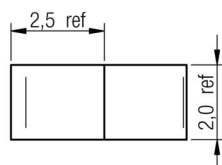
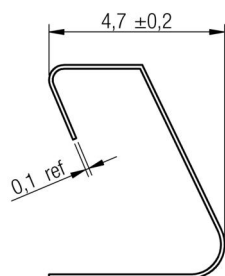
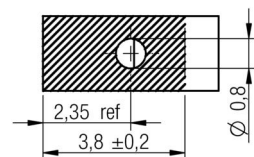
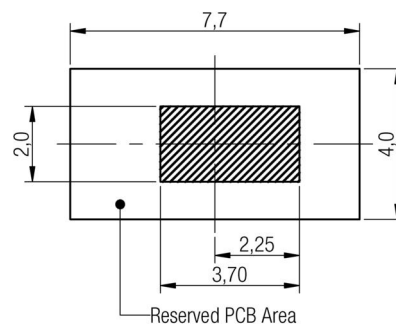
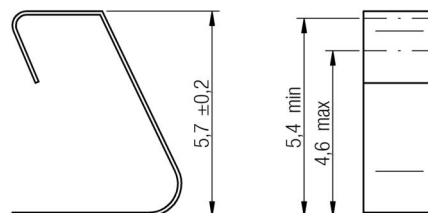


A Dimensions: [mm]

Scale - 5:1

B Recommended land pattern: [mm]

Scale - 5:1

C Recommended compression:

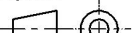
Scale - 5:1

**D Properties:**

Properties	Value
Material	Copper Beryllium (CuBe) gold-plated(AU)

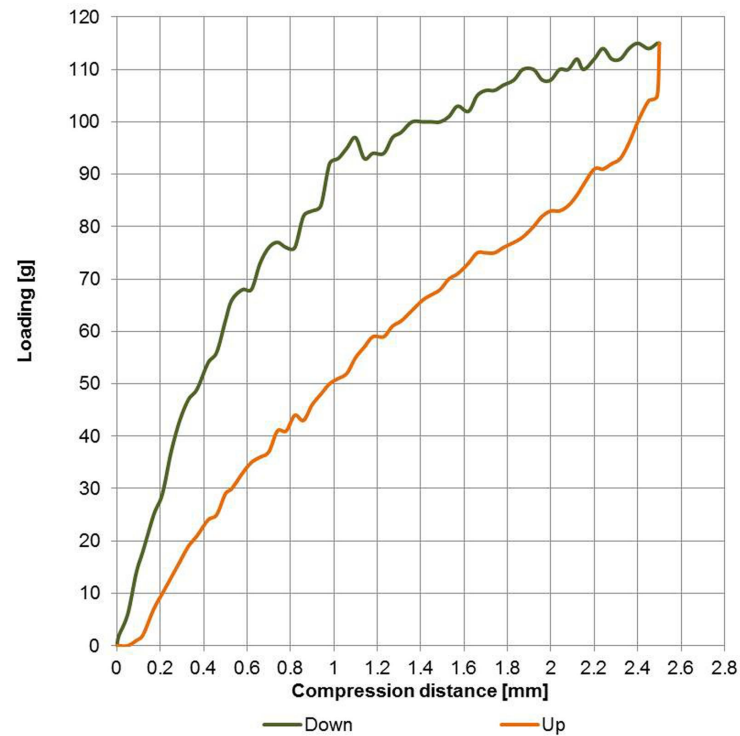
E General information:

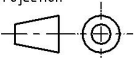
- Storage Temperature: -40°C to 100°C
- Operating Temperature: -40°C to 100°C

				Projection		DESCRIPTION	WE-SECF SMD EMI Contact Finger		
1.6	2015-01-22	SSt	WJ						
1.5	2014-06-11	SSt	SSt	Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com		Order.- No.	 COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK	SIZE	
1.4	2013-12-19	SSt	SSt					331051472057	A4
1.3	2013-07-18	SSt	WJ						
1.2	2013-05-14	SSt	WJ						
1.1	2013-04-24	SSt	SSt						
1.0	2012-10-30	SSt	WJ					Size: 0557	
REV	DATE	BY	CHECKED						



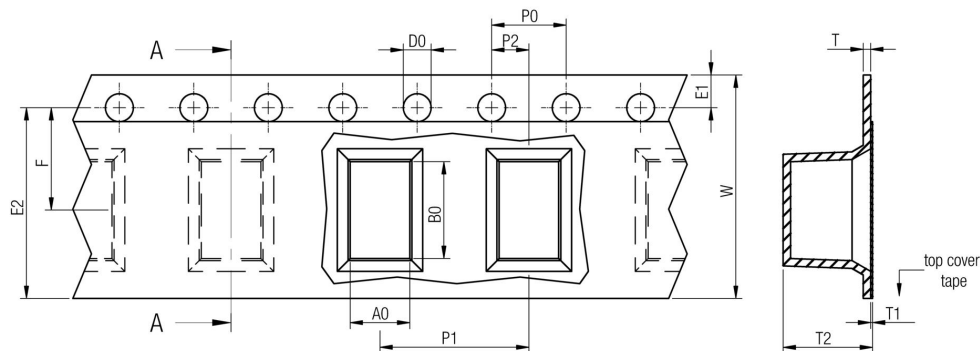
F Force Deflection Diagram:



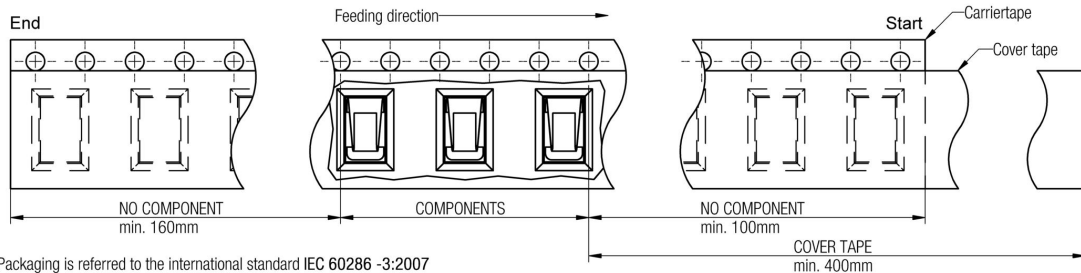
				Projection 		DESCRIPTION		
1.6	2015-01-22	SSt	WJ			WE-SECF SMD EMI Contact Finger		
1.5	2014-06-11	SSt	SSt					
1.4	2013-12-19	SSt	SSt	Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com			Order.- No. 331051472057 COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK	SIZE
1.3	2013-07-18	SSt	WJ					
1.2	2013-05-14	SSt	WJ					
1.1	2013-04-24	SSt	SSt					
1.0	2012-10-30	SSt	WJ					
REV	DATE	BY	CHECKED			Size: 0557		A4

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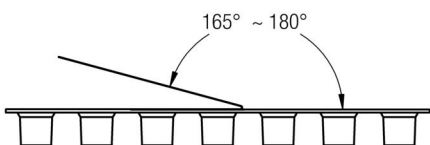
G Packaging Specification - Tape and Reel [mm]:



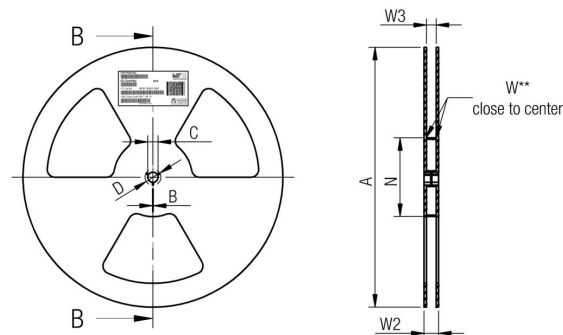
	A0	B0	W	P1	T	T1	T2	D0	E1	E2	F	P0	P2	Tape	VPE / packaging unit
tolerance	typ.	typ.	± 0,3	± 0,1	± 0,1	max.	typ.	+0,1 -0,0	± 0,1	min.	± 0,05	± 0,1	± 0,05		
size															
0135	2,20	4,90	12,00	8,00	0,40	0,10	6,30	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	2000
0148	2,20	4,70	16,00	8,00	0,40	0,10	7,20	1,50	1,75	14,25	7,50	4,00	2,00	Polystyrene	1500
0320	1,60	2,85	12,00	8,00	0,30	0,10	2,50	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	3500
0315	1,70	3,30	12,00	8,00	0,30	0,10	2,10	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	4500
0453	2,25	4,25	12,00	8,00	0,40	0,10	6,00	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	1500
0557	2,20	4,90	12,00	8,00	0,40	0,10	6,30	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	1500
0610	3,20	6,20	16,00	12,00	0,50	0,10	10,70	1,50	1,75	14,25	7,50	4,00	2,00	Polystyrene	500
0825	2,10	3,20	12,00	4,00	0,40	0,10	3,20	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	5500
1440	2,75	3,75	12,00	8,00	0,35	0,10	4,65	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	2000
1562	2,70	7,15	16,00	8,00	0,35	0,10	6,80	1,50	1,75	14,25	7,50	4,00	2,00	Polystyrene	1200
1590	2,70	7,00	24,00	12,00	0,50	0,10	9,80	1,50	1,75	22,25	11,50	4,00	2,00	Polystyrene	550
1670	2,20	4,70	16,00	8,00	0,40	0,10	7,60	1,50	1,75	14,25	7,50	4,00	2,00	Polystyrene	1000
1613	2,75	7,25	24,00	16,00	0,50	0,10	13,90	1,50	1,75	22,25	11,50	4,00	2,00	Polystyrene	200
1730	2,30	3,30	12,00	8,00	0,35	0,10	3,75	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	2500
1735	2,20	3,20	12,00	8,00	0,35	0,10	4,60	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	2000
2140	3,20	5,20	12,00	8,00	0,40	0,10	4,80	1,50	1,75	10,25	5,50	4,00	2,00	Polystyrene	2000



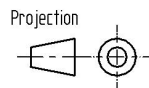
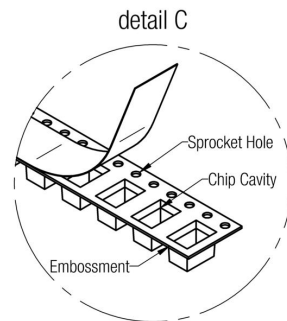
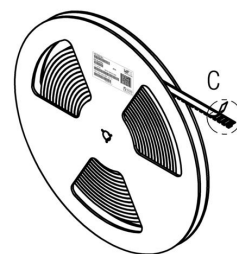
Packaging is referred to the international standard IEC 60286 -3:2007



	Pull-of force
Tape width 12 mm	0,1 N - 1,3 N
16 mm	0,1 N - 1,3 N
24 mm	0,1 N - 1,3 N



	A	B	C	D	N	W1	W2	W3	W3
tolerance	± 2,0	min.	± 0,8	min.	min.	+ 1,5	max.	min.	max.
Tape width 12 mm	330,00	1,50	13,00	20,20	100,00	12,40	18,40	11,90	15,40
16 mm	330,00	1,50	13,00	20,20	100,00	16,40	22,40	15,90	19,40
24 mm	330,00	1,50	13,00	20,20	100,00	24,40	30,40	23,90	27,40



Würth Elektronik eiSos GmbH & Co. KG
EMC & Inductive Solutions
Max-Eyth-Str. 1
74638 Waldenburg
Germany
Tel. +49 (0) 79 42 945 - 0
www.we-online.com
eiSos@we-online.com

DESCRIPTION

WE-SECF SMD EMI Contact Finger

Order.- No.

331051472057

Size: 0557



SIZE

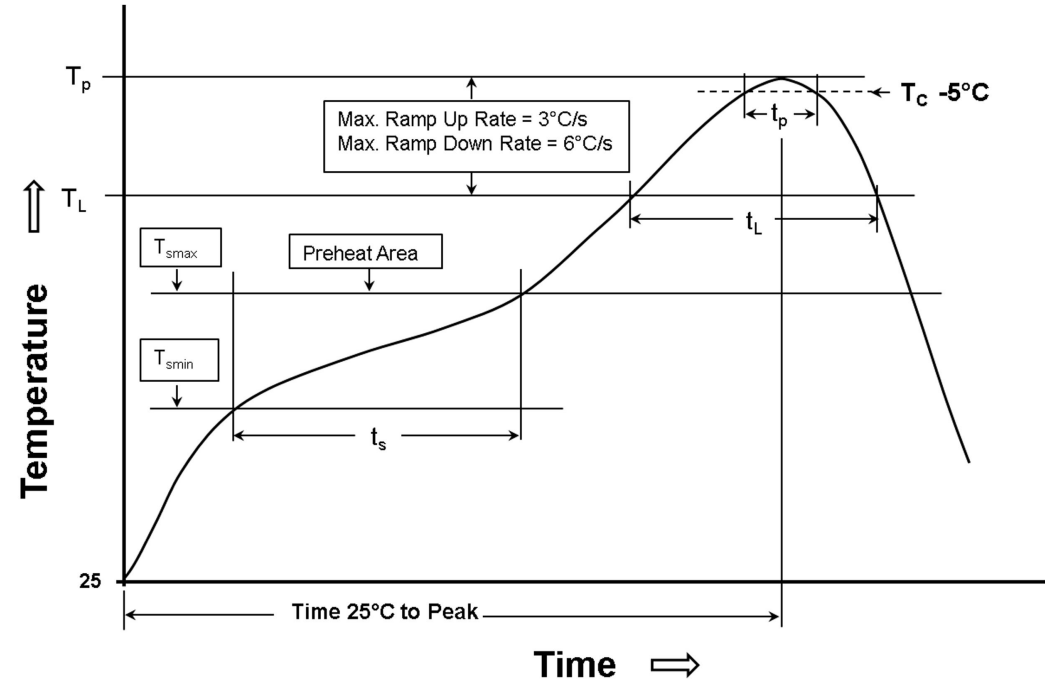
A4

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H Soldering Specifications:



H1: Classification Reflow Profile for SMT components:



H2: Classification Reflow Profiles

Profile Feature	Pb-Free Assembly
Preheat - Temperature Min (T_{smin}) - Temperature Max (T_{smax}) - Time (t_s) from (T_{smin} to T_{smax})	150°C 200°C 60-120 seconds
Ramp-up rate (T_L to T_p)	3°C/ second max.
Liquidous temperature (T_L) Time (t_L) maintained above T_L	217°C 60-150 seconds
Peak package body temperature (T_p)	See Table H3
Time within 5°C of actual peak temperature (t_p)	20-30 seconds
Ramp-down rate (T_p to T_L)	6°C/ second max.
Time 25°C to peak temperature	8 minutes max.

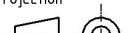
refer to IPC/JEDEC J-STD-020D

H3: Package Classification Reflow Temperature

	Package Thickness	Volume mm³ <350	Volume mm³ 350 - 2000	Volume mm³ >2000
PB-Free Assembly	< 1.6 mm	260°C	260°C	260°C
PB-Free Assembly	1.6 - 2.5 mm	260°C	250°C	245°C
PB-Free Assembly	≥ 2.5 mm	250°C	245°C	245°C

refer to IPC/JEDEC J-STD-020D

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				Projection 		DESCRIPTION			
1.6	2015-01-22	SSt	WJ		WE-SECF SMD EMI Contact Finger				
1.5	2014-06-11	SSt	SSt						
1.4	2013-12-19	SSt	SSt	Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com			Order.- No.		SIZE
1.3	2013-07-18	SSt	WJ				331051472057		A4
1.2	2013-05-14	SSt	WJ						
1.1	2013-04-24	SSt	SSt						
1.0	2012-10-30	SSt	WJ						
REV	DATE	BY	CHECKED				Size: 0557		

I Cautions and Warnings:

The following conditions apply to all goods within the product series of **WE-SECF** of Würth Elektronik eiSos GmbH & Co. KG:

General:

All recommendations according to the general technical specifications of the data sheet have to be complied with.

The responsibility for the applicability of customer specific products and use in a particular customer design is always within the authority of the customer. All technical specifications for standard products do also apply to customer specific products.

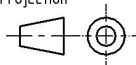
Product specific:

Follow all instructions mentioned in the data sheet, especially:

- The soldering profile has to be complied with according to the technical reflow soldering specification, otherwise this will void the warranty.
- To avoid contact finger misplacement and the coming off the soldering joints use maximum adjusted force at the Pick- and Place machine that does not exceed the recommended compression rate (of the contact fingers).
- The soldering joints must be kept clean, dry and grease free. The contact finger should be placed onto the solder pad of the printed circuit board in a way that no tin- solder is able to come into the undermost or the first elastic bending of the contact fingers so that the bending will not be affected.
- The contact finger shall not exceed the recommended compression rate. If recommended compression rate is exceeded there is a risk that the spring will not be able to push back into the initial state.
- Do not bend the contact finger into the opposite position, as the material will overstretch and possibly break.
- Violation of the technical product specifications will void the warranty.

The general and prodcut specific cautions comply with the state of the scientific and technical knowledge and are believed to be accurate and reliable; however, no responsibility is assumed for inaccuracies or incompleteness.



				Projection 		DESCRIPTION		
1.6	2015-01-22	SSt	WJ			WE-SECF SMD EMI Contact Finger		
1.5	2014-06-11	SSt	SSt					
1.4	2013-12-19	SSt	SSt	Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com	Order. - No.			SIZE
1.3	2013-07-18	SSt	WJ		331051472057			A4
1.2	2013-05-14	SSt	WJ					
1.1	2013-04-24	SSt	SSt					
1.0	2012-10-30	SSt	WJ					
REV	DATE	BY	CHECKED				Size: 0557	

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AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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