



Title of Change:	Update Case Outline Drawing for SOD-923 Package stating a note that L value should not be exceeding 0.30mm
Effective date:	01 Sep 2020
Contact information:	Contact your local ON Semiconductor Sales Office or Mike.Begonia@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Mechanical Case Outline
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

ON Semiconductor Sites

External Foundry/Subcon Sites

None

None

Description and Purpose:

To add: note#5 Dimension L will not exceed 0.30mm

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH. MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF BASE MATERIAL.
4. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS.
5. DIMENSION L WILL NOT EXCEED 0.30mm.

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.34	0.37	0.40
b	0.15	0.20	0.25
c	0.07	0.12	0.17
D	0.55	0.60	0.65
E	0.75	0.80	0.85
H _c	0.95	1.00	1.05
L	0.19 REF		
L2	0.05	0.10	0.15

RECOMMENDED MOUNTING FOOTPRINT*

* For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

**List of Affected Standard Parts:**

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

ESD9C5.0ST5G	ESD9D5.0ST5G	ESD9L3.3ST5G
ESD9L5.0ST5G	ESD9M5.0ST5G	HBL5006P2T5G
NSR0630P2T5G	NZ9F10VT5G	NZ9F11VST5G
NZ9F11VT5G	NZ9F12VST5G	NZ9F15VST5G
NZ9F15VT5G	NZ9F16VST5G	NZ9F16VT5G
NZ9F18VST5G	NZ9F18VT5G	NZ9F20VT5G
NZ9F22VT5G	NZ9F24VT5G	NZ9F2V4ST5G
NZ9F3V3ST5G	NZ9F3V3T5G	NZ9F3V9ST5G
NZ9F3V9T5G	NZ9F4V7ST5G	NZ9F6V8ST5G
NZ9F6V8T5G	NZ9F7V5ST5G	0IMD1-001-XTP
ESD7351P2T5G	ESD8351P2T5G	ESD9101P2T5G
ESD9B3.3ST5G	ESD9B5.0ST5G	ESD9C3.3ST5G
ESD9P5.0ST5G	ESD9R3.3ST5G	ESD9X12ST5G
ESD9X3.3ST5G	ESD9X5.0ST5G	ESD9X7.0ST5G
NSR0130P2T5G	NSR0130P2T5H	NSR0140P2T5G
NSR0170P2T5G	NSR01L30P2T5G	NSR0230P2T5G
NSR0240P2T5G	NSR0340P2T5G	NSR0530P2T5G
NSR05T30P2T5G	NSR05T40P2T5G	NSR0620P2T5G
NSR0620SP2T5G	NZ9F10VST5G	NZ9F12VT5G
NZ9F2V4T5G	NZ9F4V7T5G	NZ9F5V1ST5G
NZ9F5V1T5G	NZ9F5V6ST5G	NZ9F5V6T5G
NZ9F6V2ST5G	NZ9F6V2T5G	BAS16P2T5G
ESD7361P2T5G	ESD7371P2T5G	ESD7951ST5G

Japanese translation of the notification starts here.
通知の日本語訳はここから始まります。

Note: The Japanese version is for reference only. In case of any differences between the English and Japanese version, the English version shall control.

注：日本語版は参照用です。英語版と日本語版の違いがある場合は、英語版が優先されます。



変更件名:	「L 値は 0.30mm を超えないこと」の注釈を述べる SOD-923 パッケージのケースアウトライン図の更新	
発効日:	01 Sep 2020	
連絡先情報:	現地のオン・セミコンダクター営業所または < Mike.Begonia@onsemi.com > にお問い合わせください。	
通知種別:	本製品速報は通知目的のみのものです。オン・セミコンダクターは本製品速報の発行により本変更を実行します。	
変更カテゴリ:	メカニカルケースアウトライン	
変更サブカテゴリ:	データシート/製品資料の変更	
影響を受ける拠点:		
オン・セミコンダクター拠点:	外部製造工場 / 下請業者拠点:	
なし	なし	

説明および目的:

注 5 「寸法 L は 0.30mm を超えないこと」を追加

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. MAXIMUM LEAD THICKNESS INCLUDES LEAD FINISH. MINIMUM LEAD THICKNESS IS THE MINIMUM THICKNESS OF BASE MATERIAL.
4. DIMENSIONS D AND E DO NOT INCLUDE MOLD FLASH, PROTRUSIONS, OR GATE BURRS.
5. DIMENSION L WILL NOT EXCEED 0.30mm.

TOP VIEW
STYLE 1

TOP VIEW
STYLE 2

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.34	0.37	0.40
b	0.15	0.20	0.25
c	0.07	0.12	0.17
D	0.55	0.60	0.65
E	0.75	0.80	0.85
H _E	0.95	1.00	1.05
L	0.19 REF		
L2	0.05	0.10	0.15

SIDE VIEW

BOTTOM VIEW

RECOMMENDED
MOUNTING FOOTPRINT*

* For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.



影響を受ける部品の一覧:

注: 標準の部品番号(既製品)のみが部品一覧に記載されます。本 PCN に影響を受けるカスタム 部品は、PCN メールのお客様の特定の PCN の付属文書、または PCN カスタマイズポータルに記載されています。

ESD9C5.0ST5G	ESD9D5.0ST5G	ESD9L3.3ST5G
ESD9L5.0ST5G	ESD9M5.0ST5G	ESD9P5.0ST5G
ESD9R3.3ST5G	ESD9X12ST5G	ESD9X3.3ST5G
ESD9X5.0ST5G	ESD9X7.0ST5G	HBL5006P2T5G
NSR0130P2T5G	NSR0130P2T5H	NSR0140P2T5G
NSR0170P2T5G	NSR01L30P2T5G	NSR0230P2T5G
NSR0240P2T5G	NSR0340P2T5G	NSR0530P2T5G
NSR05T30P2T5G	NSR05T40P2T5G	NSR0620P2T5G
NSR0620SP2T5G	NSR0630P2T5G	NZ9F10VST5G
NZ9F10VST5G	NZ9F11VST5G	NZ9F11VST5G
NZ9F12VST5G	NZ9F12VST5G	NZ9F15VST5G
NZ9F15VST5G	NZ9F16VST5G	NZ9F16VST5G
NZ9F18VST5G	NZ9F18VST5G	NZ9F20VST5G
NZ9F22VST5G	NZ9F24VST5G	NZ9F2V4ST5G
NZ9F2V4T5G	NZ9F3V3ST5G	NZ9F3V3T5G
NZ9F3V9ST5G	NZ9F3V9T5G	NZ9F4V7ST5G
NZ9F4V7T5G	NZ9F5V1ST5G	NZ9F5V1T5G
NZ9F5V6ST5G	NZ9F5V6T5G	NZ9F6V2ST5G
NZ9F6V2T5G	NZ9F6V8ST5G	NZ9F6V8T5G
NZ9F7V5ST5G	OIMD1-001-XTP	BAS16P2T5G
ESD7351P2T5G	ESD7361P2T5G	ESD7371P2T5G
ESD7951ST5G	ESD8351P2T5G	ESD9101P2T5G
ESD9B3.3ST5G	ESD9B5.0ST5G	ESD9C3.3ST5G



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
ESD9C5.0ST5G		NA		
ESD9D5.0ST5G		NA		
ESD9L3.3ST5G		NA		
ESD9L5.0ST5G		NA		
ESD9M5.0ST5G		NA		
ESD9P5.0ST5G		NA		
ESD9R3.3ST5G		NA		
ESD9X12ST5G		NA		
ESD9X3.3ST5G		NA		
ESD9X5.0ST5G		NA		
ESD9X7.0ST5G		NA		
NSR0130P2T5G		NA		
NSR0140P2T5G		NA		
NSR0170P2T5G		NA		
NSR01L30P2T5G		NA		
NSR0230P2T5G		NA		
NSR0240P2T5G		NA		
NSR0340P2T5G		NA		
NSR0530P2T5G		NA		
NSR05T40P2T5G		NA		
NSR0620P2T5G		NA		
NZ9F10VST5G		NA		
NZ9F10VT5G		NA		
NZ9F11VST5G		NA		
NZ9F12VT5G		NA		
NZ9F15VST5G		NA		
NZ9F15VT5G		NA		
NZ9F16VST5G		NA		
NZ9F16VT5G		NA		
NZ9F18VST5G		NA		
NZ9F18VT5G		NA		
NZ9F20VT5G		NA		
NZ9F24VT5G		NA		
NZ9F2V4ST5G		NA		
NZ9F2V4T5G		NA		
NZ9F3V3ST5G		NA		
NZ9F3V3T5G		NA		
NZ9F3V9ST5G		NA		
NZ9F3V9T5G		NA		
NZ9F4V7ST5G		NA		
NZ9F4V7T5G		NA		
NZ9F5V1ST5G		NA		



Appendix A: Changed Products

D

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NZ9F5V1T5G		NA		
NZ9F5V6ST5G		NA		
NZ9F6V2ST5G		NA		
NZ9F6V2T5G		NA		
NZ9F5V6T5G		NA		
NZ9F6V8T5G		NA		
NZ9F6V8ST5G		NA		
NZ9F7V5ST5G		NA		
BAS16P2T5G		NA		
ESD7371P2T5G		NA		
ESD7351P2T5G		NA		
ESD7361P2T5G		NA		
ESD7951ST5G		NA		
ESD8351P2T5G		NA		
ESD9101P2T5G		NA		
ESD9B3.3ST5G		NA		
ESD9B5.0ST5G		NA		
ESD9C3.3ST5G		NA		