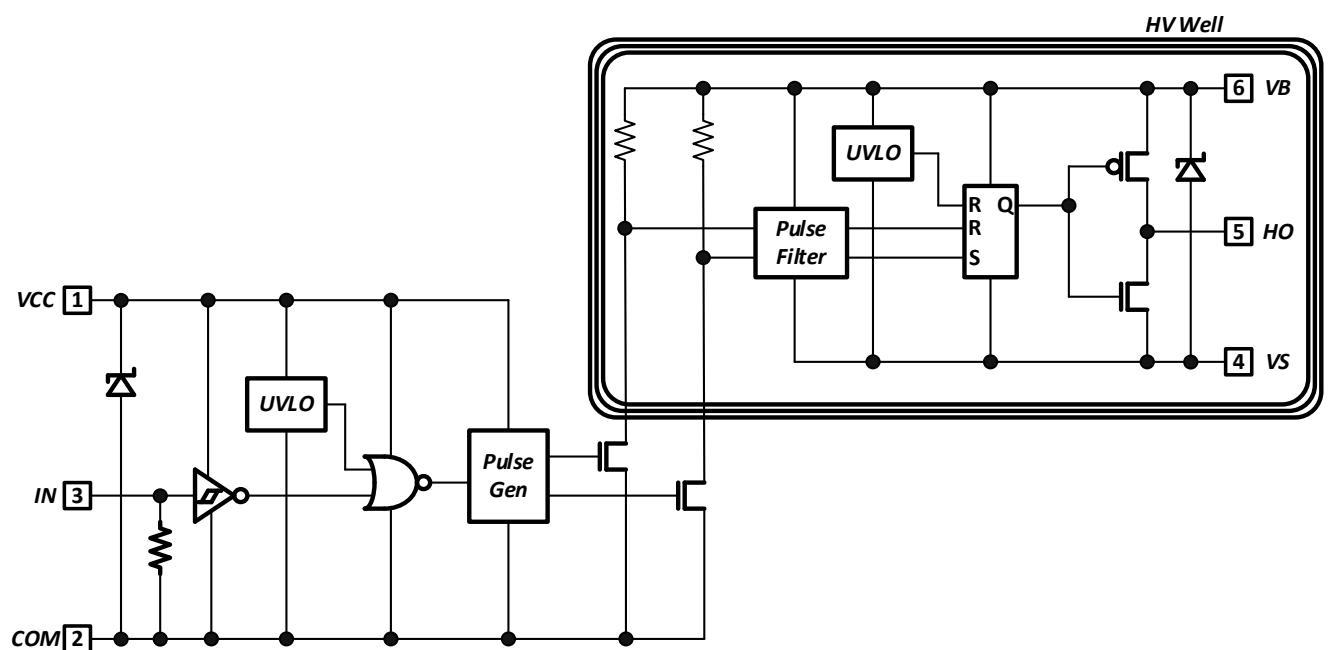




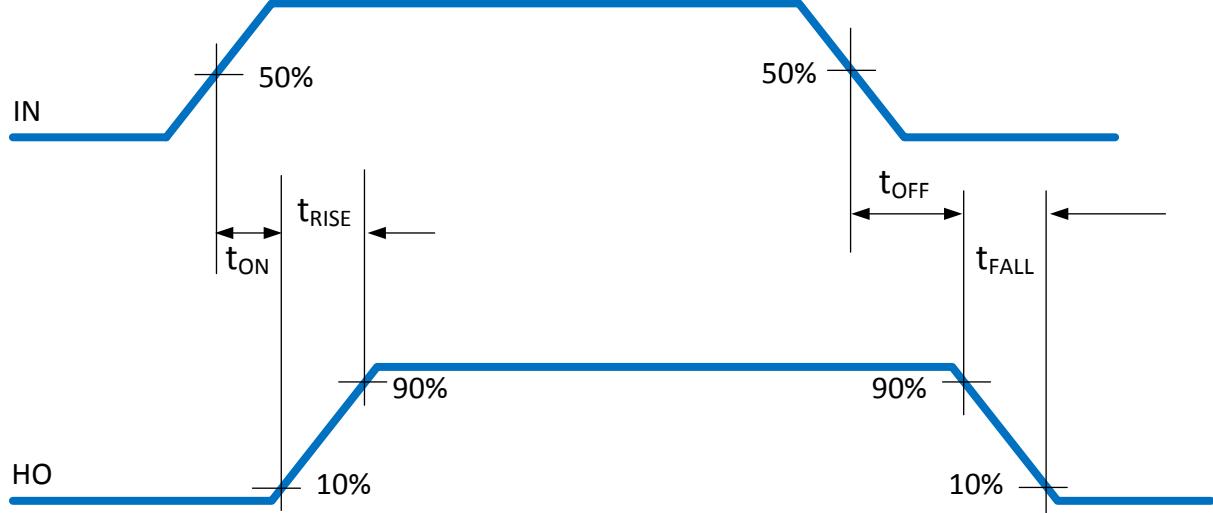
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**Functional Block Diagram**


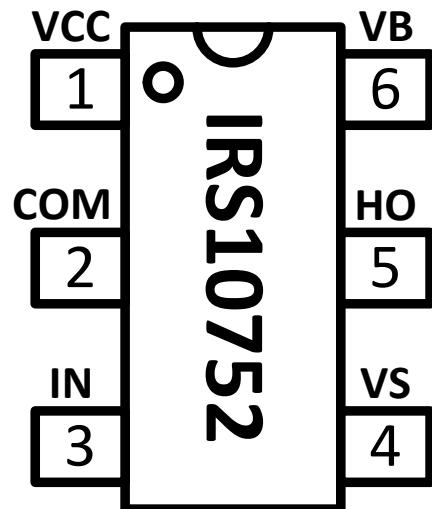
## Timing Diagram



## Pin Definitions

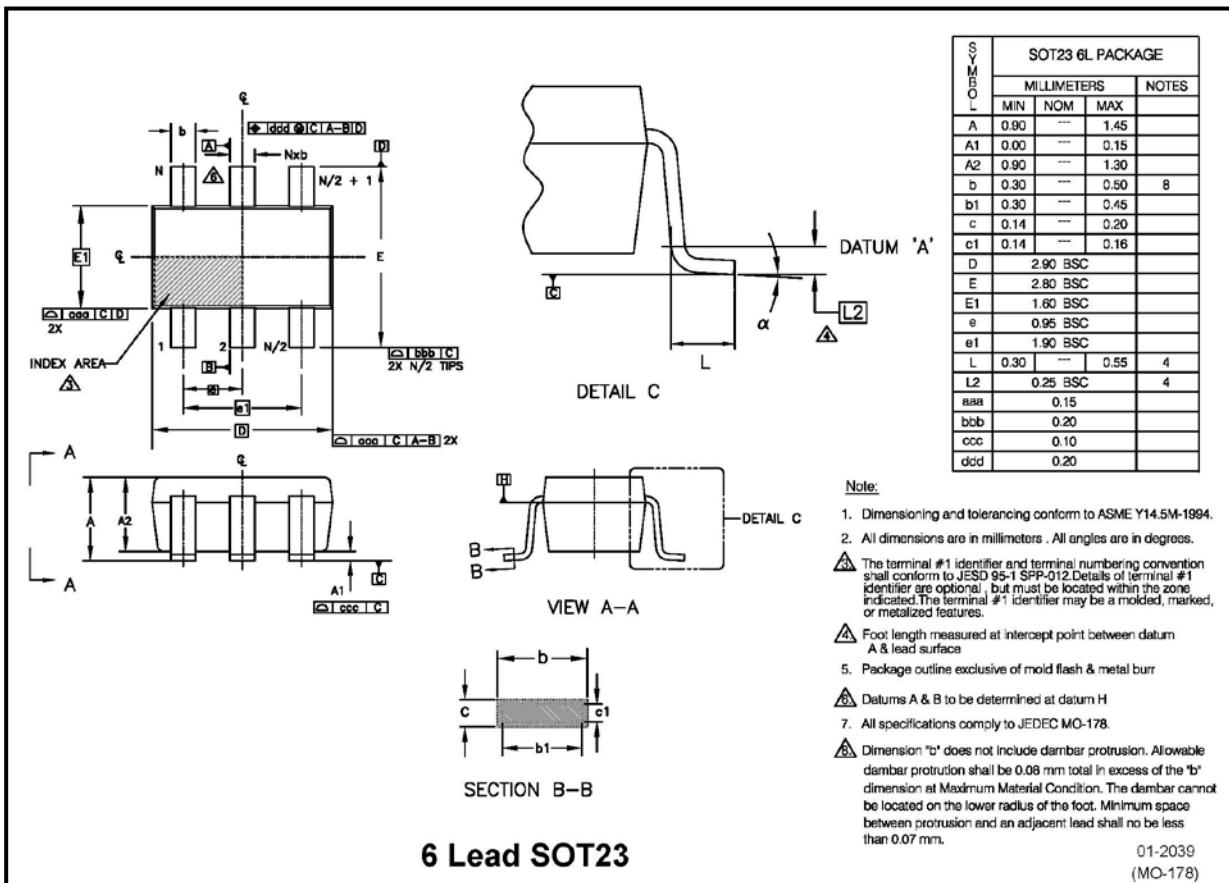
Pin	Symbol	Description
1	VCC	IC supply voltage
2	COM	IC power and signal ground
3	IN	Logic input
4	VS	High side floating supply offset voltage
5	HO	High side gate driver output
6	VB	High side floating supply voltage

## Pin Assignments

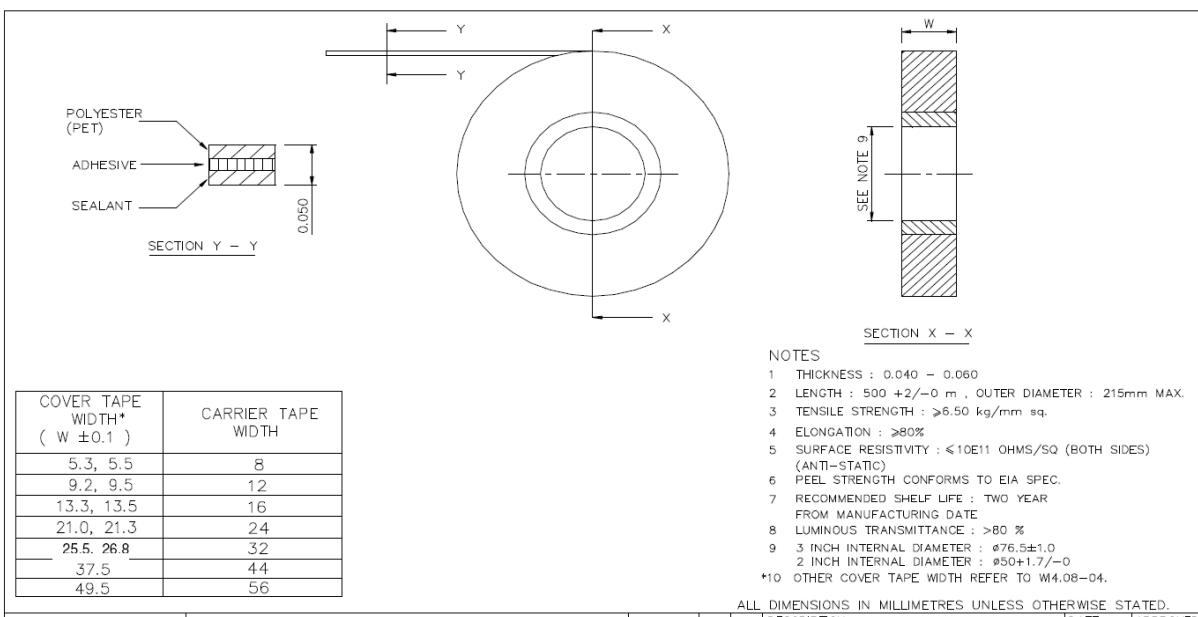
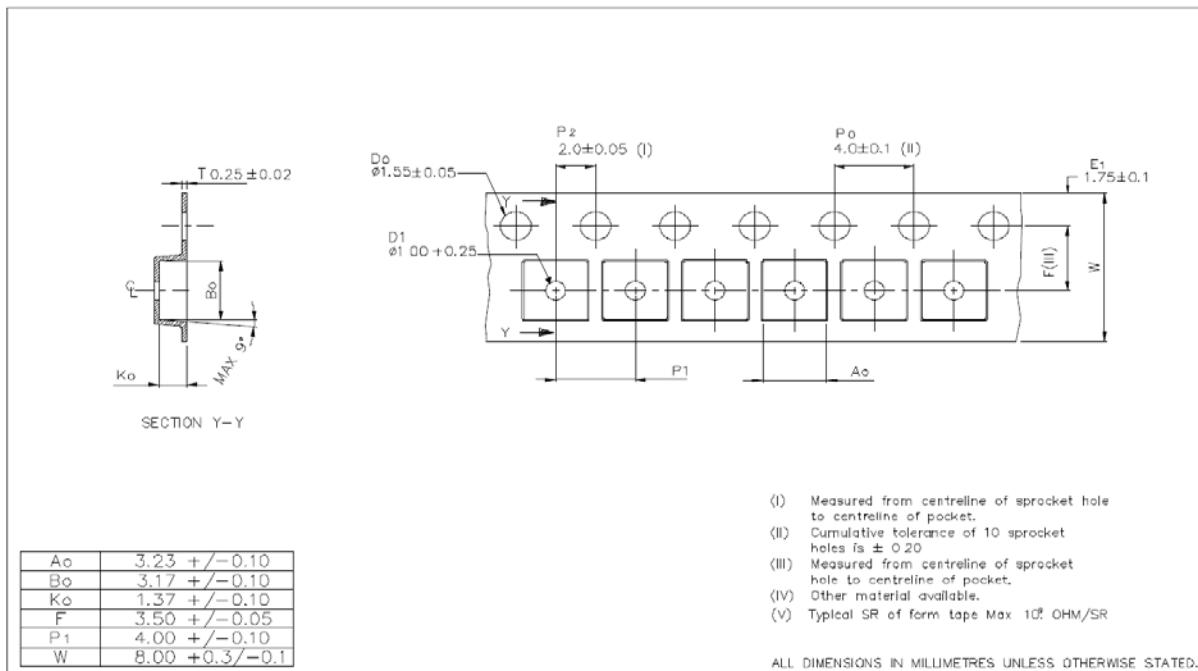


6-Lead SOT 23

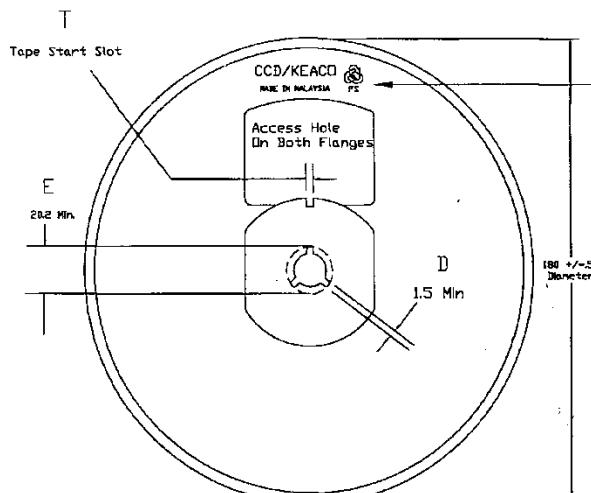
## Package Details: 6L-SOT23



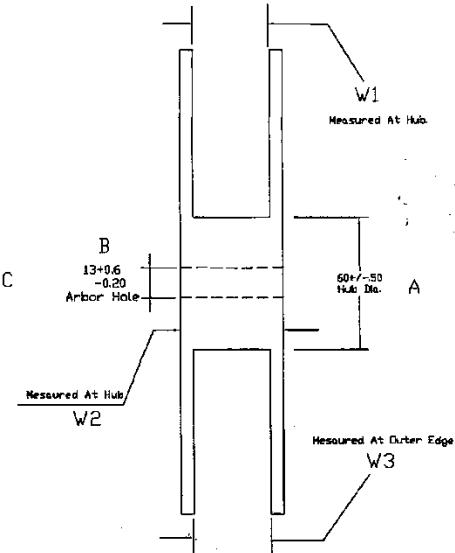
## Tape and Reel Details: 6L-SOT23



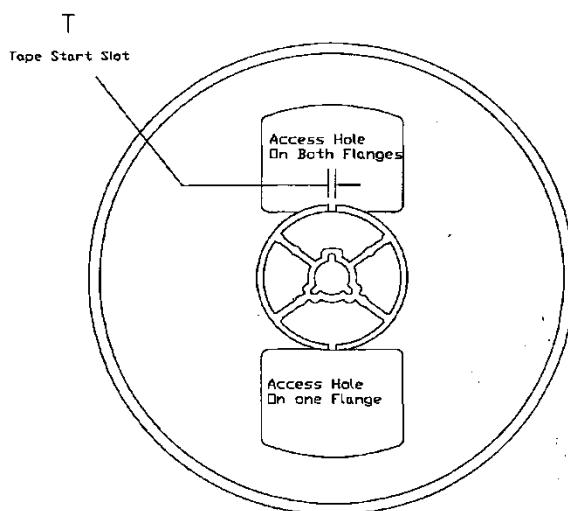
### Tape and Reel Details: 6L-SOT23



FRONT VIEW

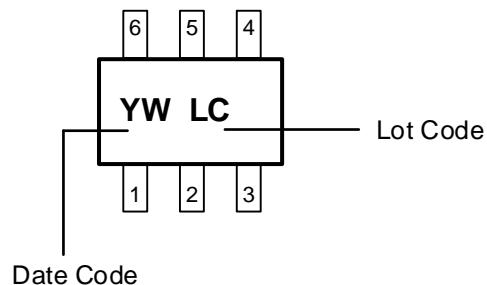
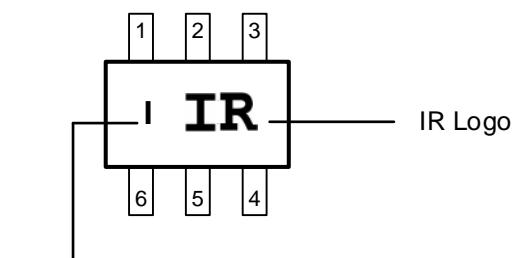


SIDE VIEW



BACK VIEW

NOTE:  
 1. MATERIAL : POLYSTRENE  
 2. SURFACE RESISTIVITY :  $\leq 10^{11}$  OHMS/SQ  
 (EXTERNAL OR DIPPED)  
 3. STATIC DECAY : < 2SEC. AT 50%RH

**Part Marking Information: 6 Lead SOT23****Top Marking****Bottom Marking**

Part no.	Base Part Number
I	IRS10752LPBF
H	IRS20752LPBF
E	IRS25752LPBF

**Qualification Information<sup>†</sup>**

<b>Qualification Level</b>		Industrial <sup>††</sup> (per JEDEC JESD 47E) Comments: This family of ICs has passed JEDEC's Industrial qualification. IR's Consumer qualification level is granted by extension of the higher Industrial level.	
<b>Moisture Sensitivity Level</b>		SOT-23	MSL1 <sup>†††</sup> (per IPC/JEDEC J-STD-020C)
<b>ESD</b>	Machine Model	Class B (per JEDEC standard EIA/JESD22-A115-A)	
	Human Body Model	Class 1B (per EIA/JEDEC standard JESD22-A114-B)	
<b>IC Latch-Up Test</b>		Class I, Level A (per JESD78A)	
<b>RoHS Compliant</b>		Yes	

- <sup>†</sup> Qualification standards can be found at International Rectifier's web site <http://www.infineon.com/>
- <sup>††</sup> Higher qualification ratings may be available should the user have such requirements. Please contact your International Rectifier sales representative for further information.
- <sup>†††</sup> Higher MSL ratings may be available for the specific package types listed here. Please contact your International Rectifier sales representative for further information.

**Revision History**

Date	Comment
01/04/2017	<ul style="list-style-type: none"> <li>Updated "Infineon" logo –all pages.</li> <li>Added disclaimer on last page.</li> <li>Updated part marking information on page 11.</li> </ul>

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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