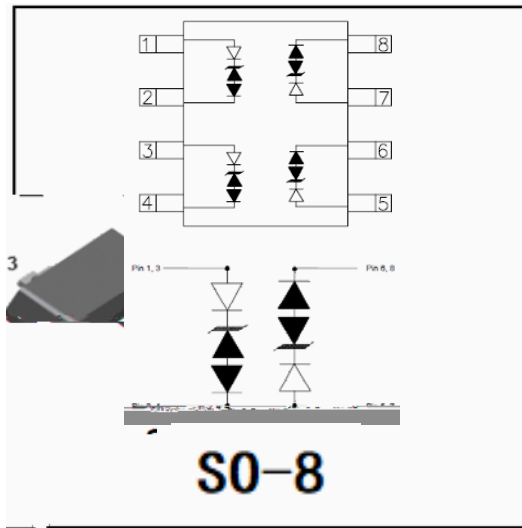
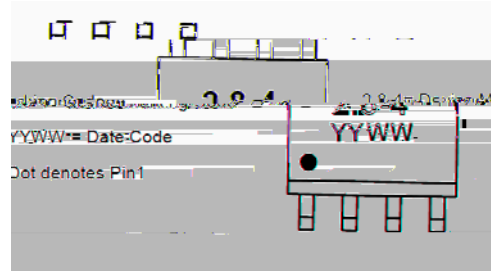


## ESD Protection Diode



### Features

- Protects two line pairs (four lines)
- Ultra low clamping voltage
- Low operating voltage: 2.8V
- Moisture Sensitivity: Level 3 per J-STD-020
- JEDEC SO-8 package
- Marking:



### Absolute Maximum Ratings (Ta=25°C unless otherwise specified)

PARAMETER	SYMBOL	VALUE	UNIT
Operating Temperature Range	$T_J$	-55 to +125	
Storage Temperature Range	$T_{STG}$	-55 to +150	
IEC61000-4-2(ESD)Air	$V_{ESD}$	±30	KV
IEC61000-4-2(ESD)Contact		±30	KV
Peak Pulse Power(8/20µs)	$P_{PP}$	600	W
Peak Pulse Current(8/20µs)	$I_{PP}$	30	A

### Electrical Characteristics Ta=25 Unless otherwise specified

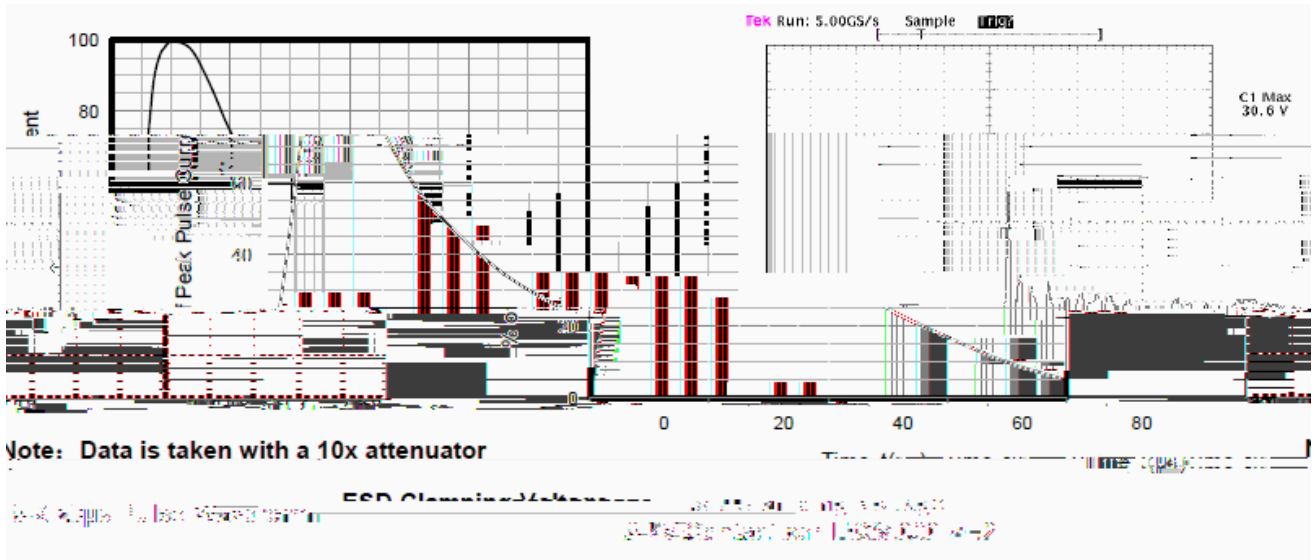
PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
Reverse Working Voltage	$V_{RWM}$	V				2.8
Reverse Leakage Current	$I_R$	uA	Clamping Voltage $V_C$ V			
			$I_{PP}=5A$			8.5
Clamping Voltage	$V_C$	V	$I_{PP}=25A$			18
Clamping Voltage	$V_C$	V	$I_{PP}=30A$			20
Junction Capacitance	$C_J$	pF	$V_R=0V, f=1MHz$		2	3



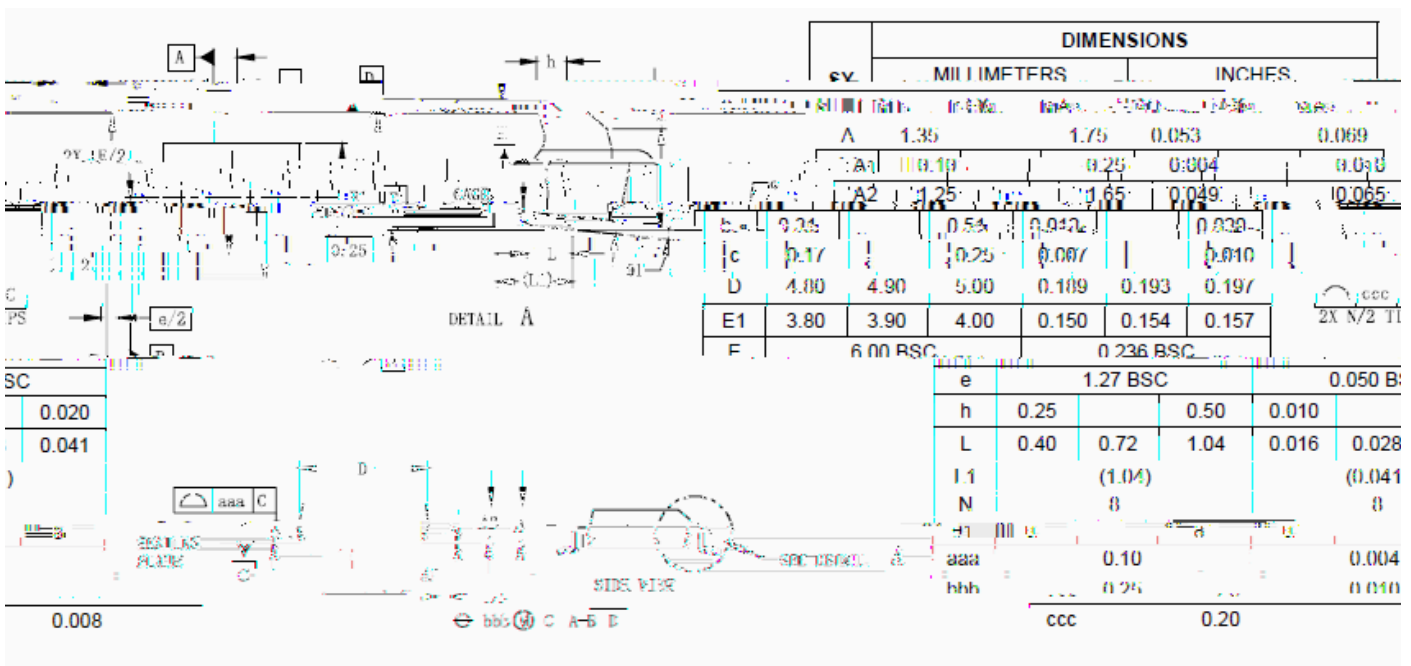
**Thermal Characteristics**



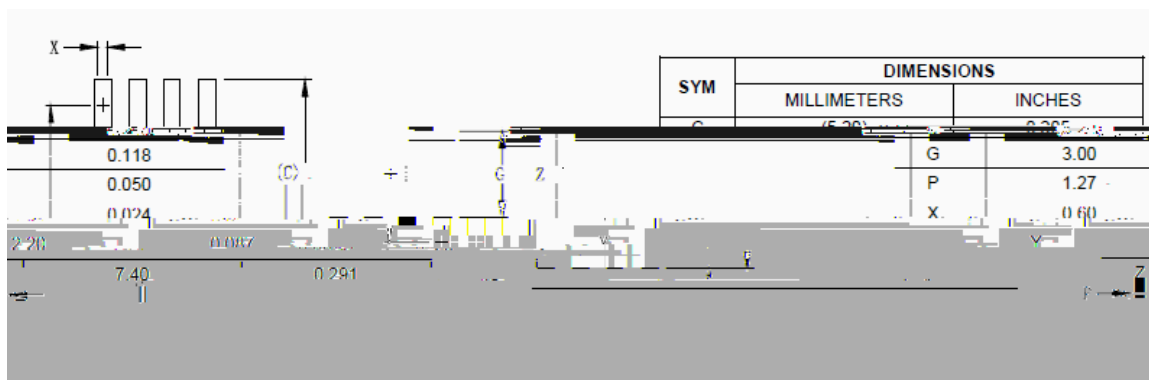
# SLVU2.8-4



## Outline Dimensions



## Soldering Footprint





**Disclaimer**