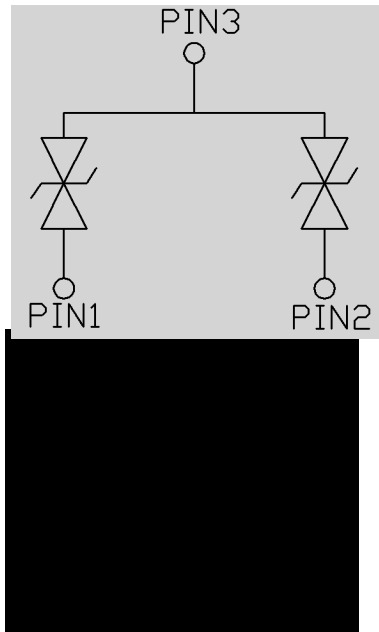




- level 4 (ESD)
- IEC 61000-4-5 (surge) IPP = 5 A at tp = 8/20 us
- Part no. with suffix "Q" means AEC-Q101 qualified
- Automotive Controlled Area Network
- SOT-23
- Tin plated leads, solderable per J-STD-002 and JESD22-B102
- AN

(Ta=25 Unless otherwise specified)

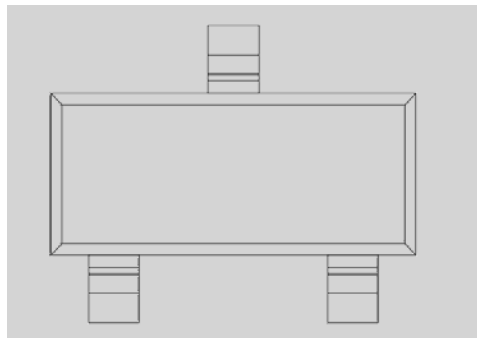
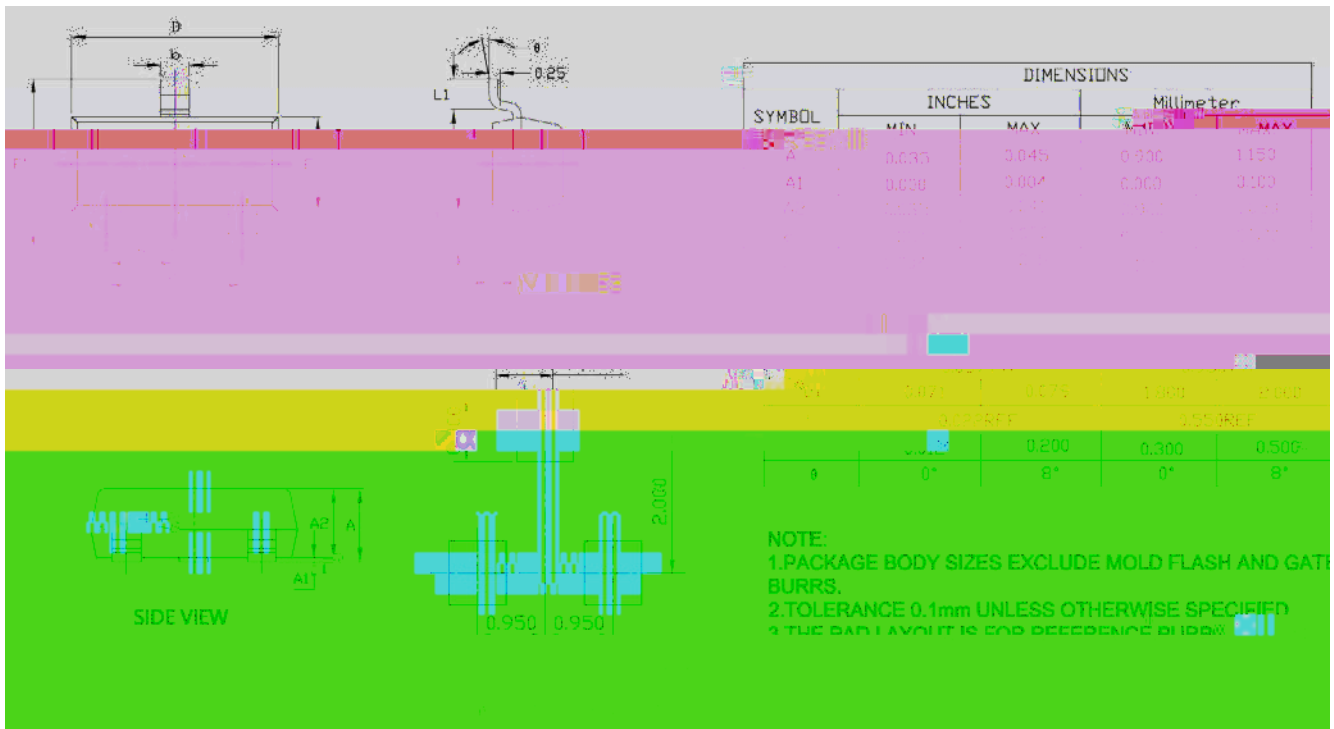
Peak Pulse Power per Line (tp=8/20 us) Note1	PP	W	300
Peak Pulse Current per Line (tp=8/20 us) Note1	IPP	A	5
Storage Temperature Range	T _{stg}	°C	-55~+150
Junction Temperature	T _J	°C	-55~+100
Human Body Model HBM Note2	V _{ESD}	KV	10
IEC 61000-4-2 (contact discharge) Note2		KV	22

Note1 Non-repetitive current pulse 8/20 μs exponential decay waveform according to IEC 61000-4-5.

Note2 Measured from pin 1 to 3 or 2 to 3.

(Ta=25 unless otherwise noted)

Reverse Working Voltage	V _{RWM}	V		-	24
Reverse Breakdown Voltage	V _{BR}	V	I _T =1mA	27	-
Reverse Leakage Current	I _R	nA	V _{RWM} =24V	-	200
Clamping Voltage(pin 1 to 3 or 2 to 3)	V _C	V	I _{pp} =1A (8/20us Pulse)	-	40
	V _C	V	I _{pp} =5A (8/20us Pulse)	-	60
Junction Capacitance(pin 1 to 3 or 2 to 3)	C _j	pF	V _{BR} =0V f=1MHZ	-	30



Note:

1. All marking is at middle of the product body
2. All marking is in laser marking
3. XX is Marking Code
4. Body color: Black



The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with automotive electronics are not designed for use in medical, life-saving, lifesustaining, or military. Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your nearest Yangjie's sales office for further assistance.