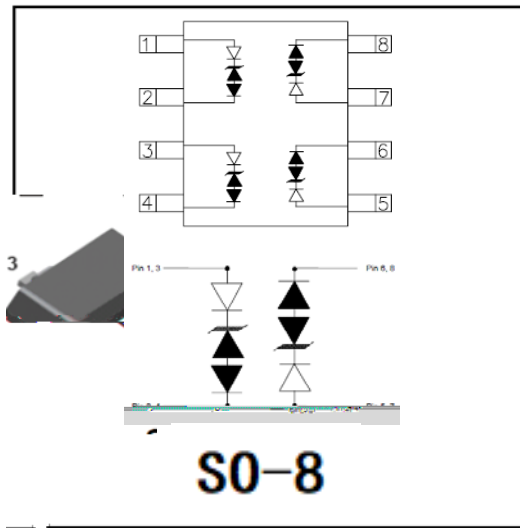
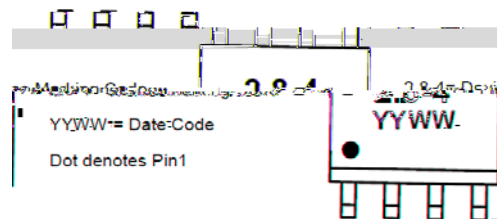


ESD Protection Diode



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

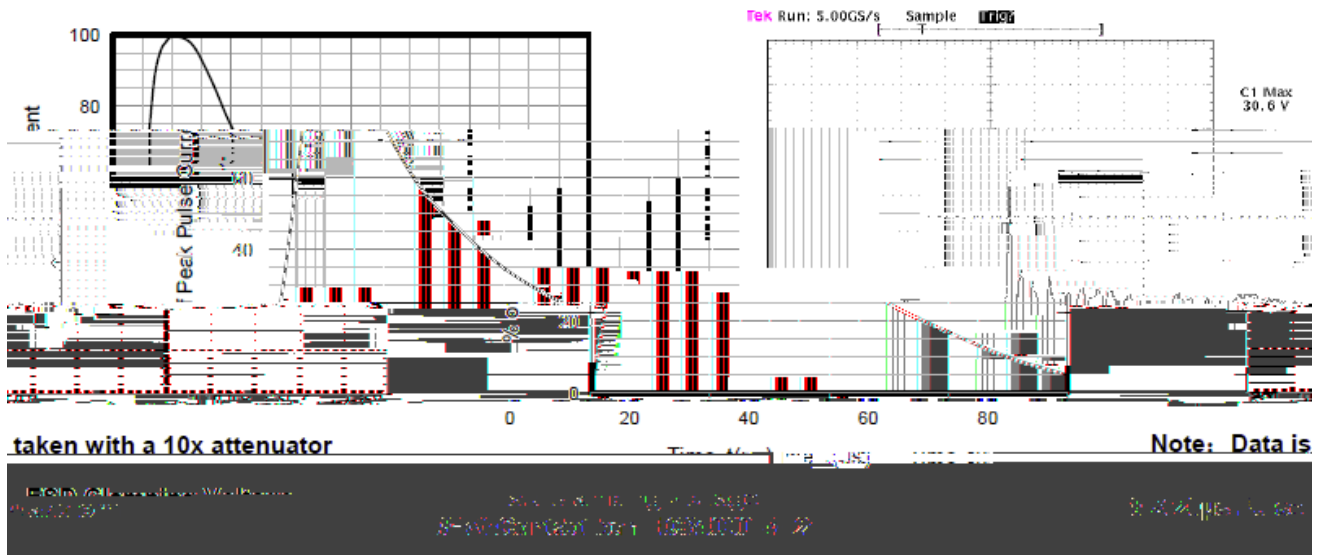
■Electrical Characteristics Ta=25 Unless otherwise specified

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			

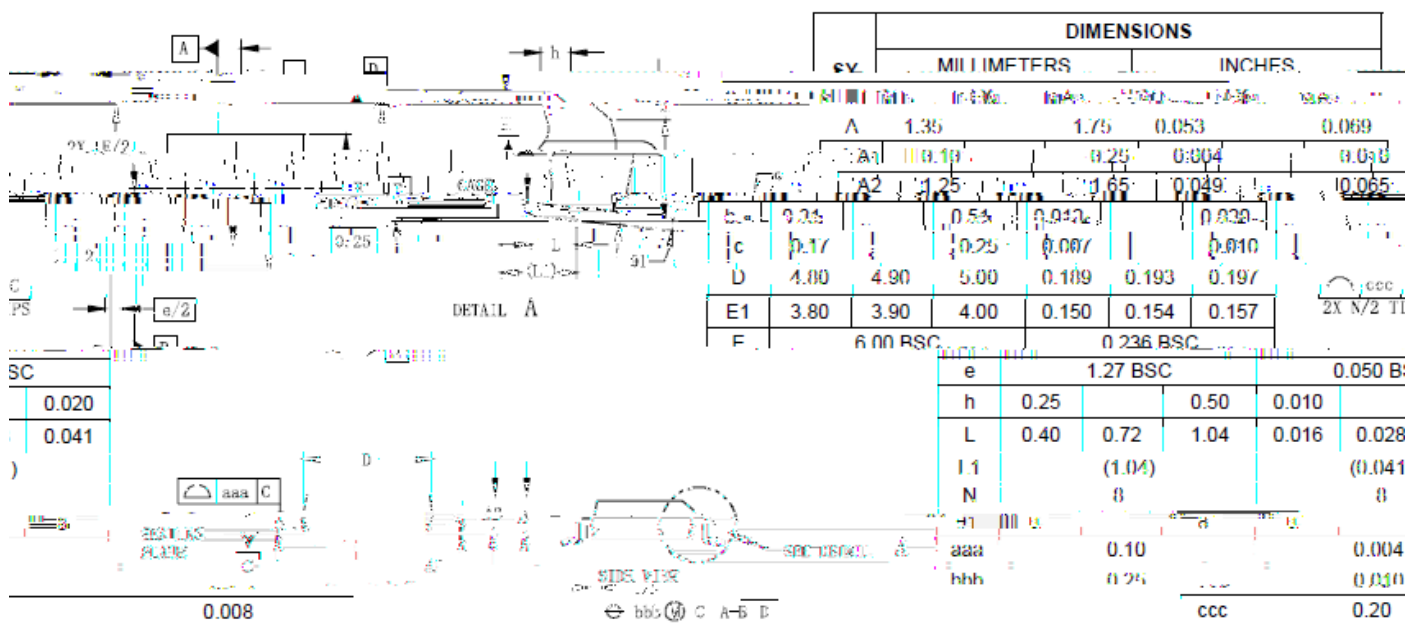
			$I_{PP}=5A$			8.5
Clamping Voltage	V_C	V	$I_{PP}=25A$			18
Clamping Voltage	V_C	V	$I_{PP}=30A$			20
Junction Capacitance	C_J	pF	$V_R=0V, f=1MHz$		2	3



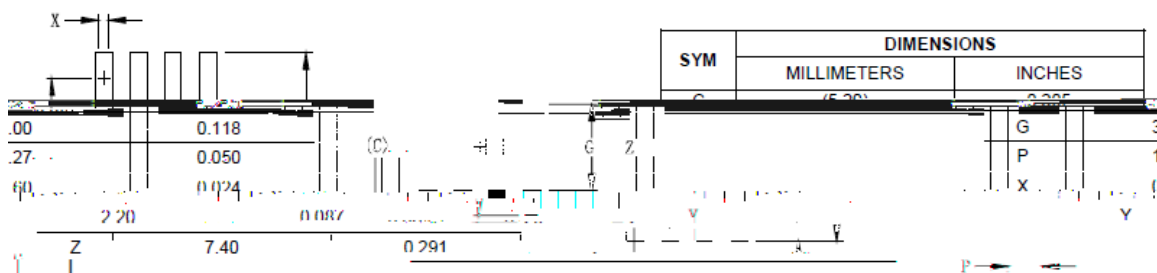
■ Thermal Characteristics



■ Outline Dimensions



■ Soldering Footprint





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