

**FEATURES**

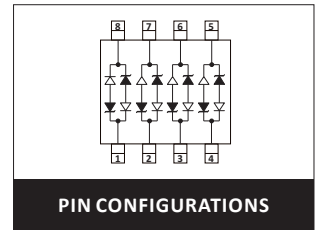
- > 460 Watts Peak Pulse Power per Line (tp=8/20μs)
- > Protects Four Lines
- > Working Voltages : 5.0 V
- > Low Leakage Current
- > Low Clamping Voltage

**APPLICATIONS**

- > Multi-Mode Transceiver Protection
- > WAN Equipment
- > CSU/DSU
- > Multiplexers
- > Protection for any of the RS232 interfaces
- > Protection for any of the RS485 interfaces

**IEC COMPATIBILITY**

- > IEC61000-4-2 (ESD) ±30kV (air), ±30kV (contact)
- > IEC61000-4-4 (EFT) 40A (5/50ns)



**MAXIMUM RATINGS AND CHARACTERISTICS** Ratings at 25°C ambient temperature unless otherwise specified.

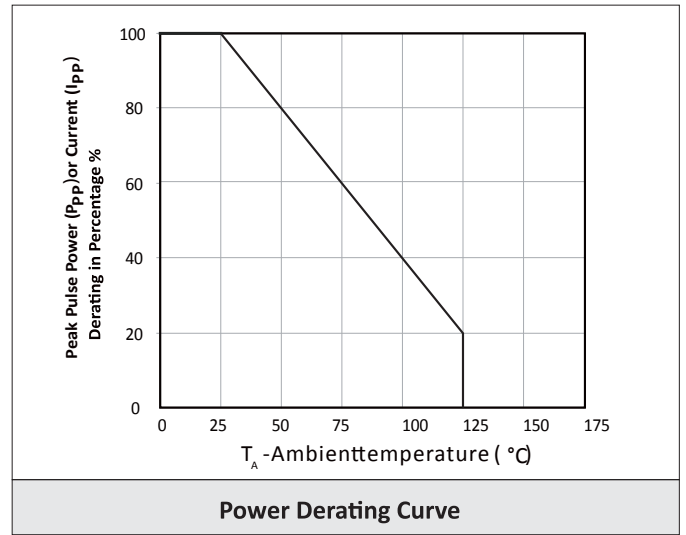
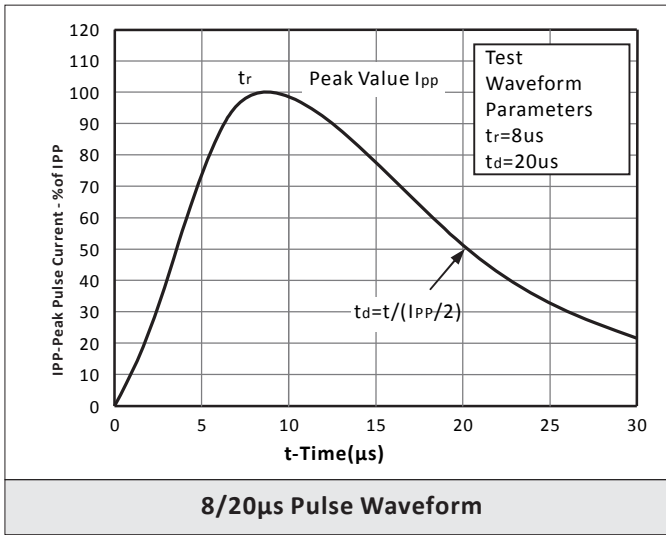
RATING	SYMBOL	VALUE	UNITS
Peak Pulse Power (tp=8/20μs waveform).	PPPM	460	Watts
Operating Temperature Range.	TJ	-55~+125	°C
Storage Temperature Range.	TSTG	-55~+150	°C

Stresses exceeding those listed in the Maximum Ratings table may damage the device. If any of these limits are exceeded, device functionality should not be assumed, damage may occur and reliability may be affected.

**ELECTRICAL CHARACTERISTICS**

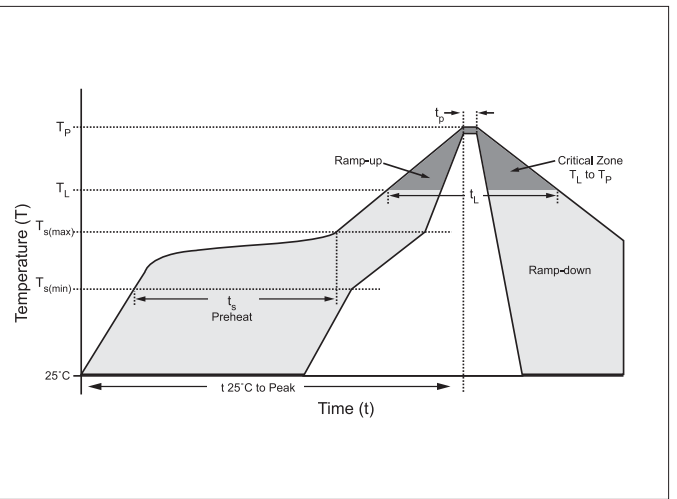
Part Number	Device Marking Code	Reverse Stand-off Voltage Max.	Breakdown Voltage Min.	Test Current	Peak Pulse Current Max.@1A	Peak Pulse Current	Junction Capacitance Max.	Reverse Leakage Max.
		V <sub>RWM</sub> (V)	V <sub>BR</sub> (V)	I <sub>T</sub> (mA)	V <sub>C</sub> (V)	V <sub>C</sub> (V) Max. @A	C <sub>T</sub> (pF)	I <sub>R</sub> (μA)
SES46B5.0LD	SDLC05C-4	5.0	6.0	1	9.8	20 23	5	1

**PRODUCT DIMENSIONS**

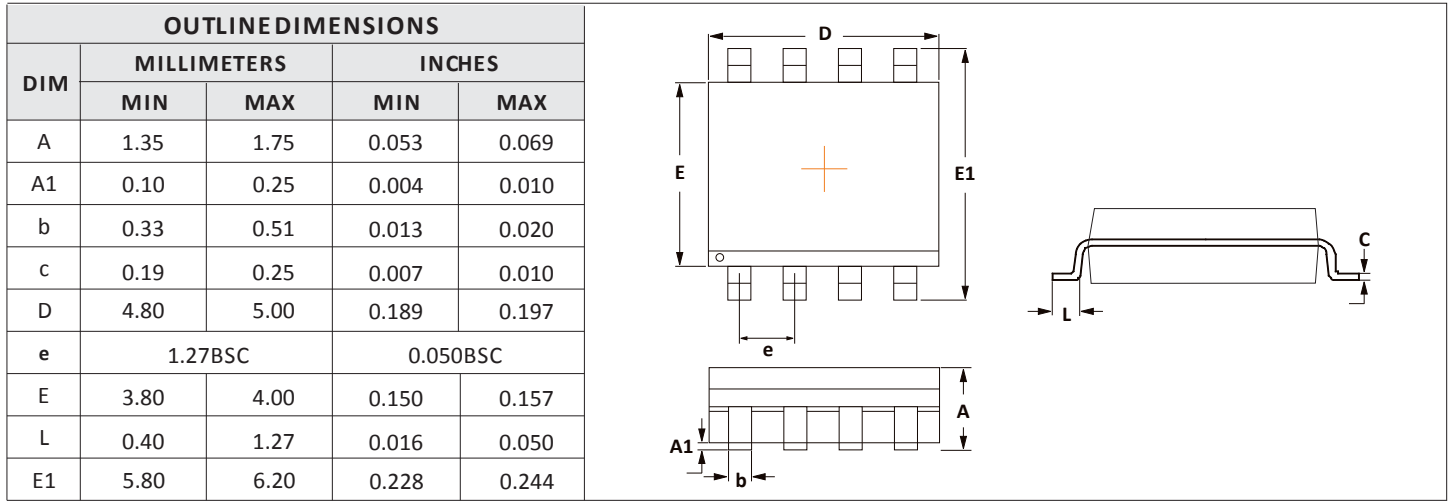


**REFLOW PROFILE**

Reflow Condition		Lead-free assembly
Pre Heat	Temperature Min (Ts(min))	150°C
	Temperature Max (Ts(max))	200°C
	Time (min to max) (ts)	60 – 180 secs
Average ramp up rate (Liquidus Temp (TL) to peak)		3°C/second max
Ts(max)to TL - Ramp-up Rate		3°C/second max
Reflow	Temperature (TL) (Liquidus)	217°C
	Time (min to max) (tl)	60 – 150 seconds
Peak Temperature (Tp)		260°C
Time within 5°C of actual peak Temperature (tp)		20 – 40 seconds
Ramp-down Rate		6°C/second max
Time 25°C to peak Temperature (Tp)		8 minutes Max.
Do not exceed		260°C



**SOP-8 PACKAGE DIMENSIONS**



**ORDERING INFORMATION**

Part Number	Component Package	QTY/Reel	Reel Size
SES46B5.0LD	SOP-8	2500PCS	13"

## **CONTACT US**

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