

/

.

02EBQ

SYMBOL	LIMITS	UNIT
P_{pk}	312	W
V_{ESD}	± 30	KV
	± 30	
T_J	-55~150	
T_{STG}	-55~150	

ent damage to the component. This is a stress only rating and
 erational sections of this specification is not implied.

			Typ	
V	$I_R = 1\mu A$			5.0
V	$I_{BR} = 1mA$	6.0		7.8
iA	$V_{RWM} = 5V$			1.0
V	$I_{PP} = 1A, t_p = 8/20\mu s$			10
V	$I_{PP} = 10A, t_p = 8/20\mu s$			12
V	$I_{PP} = 24A, t_p = 8/20\mu s$			13
	TLP, $t_p=100ns$, I/O to Ground		0.11	
A	$t_p = 8/20\mu s$			24
iF	$V_R = 0V, f = 1MHz$		50	100



Characteristics (Typical)

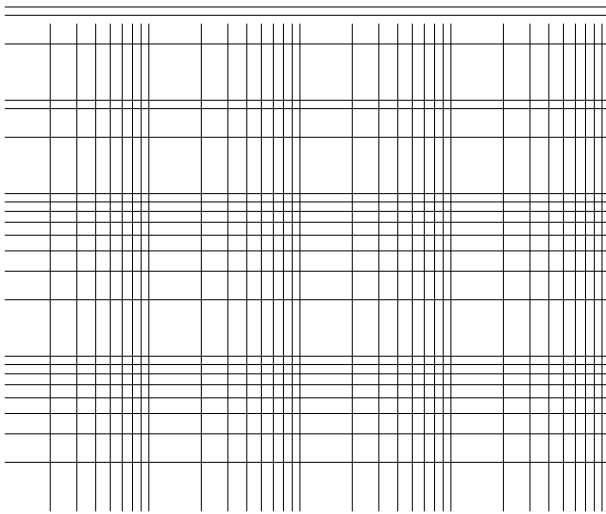
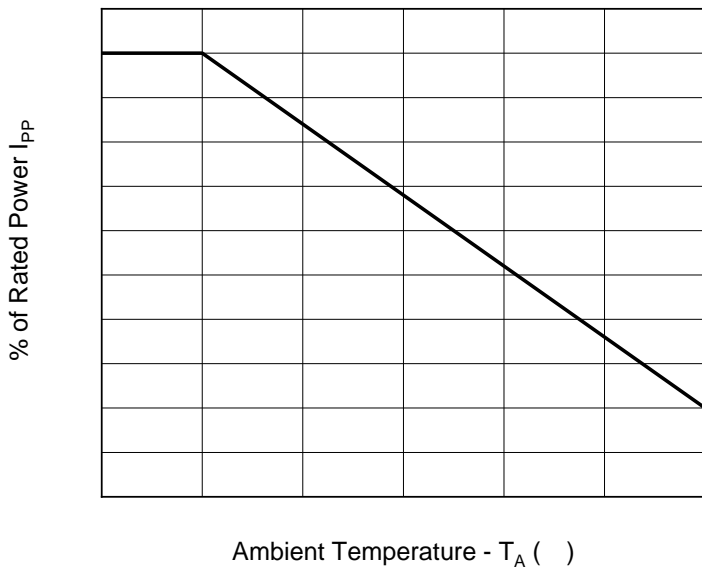


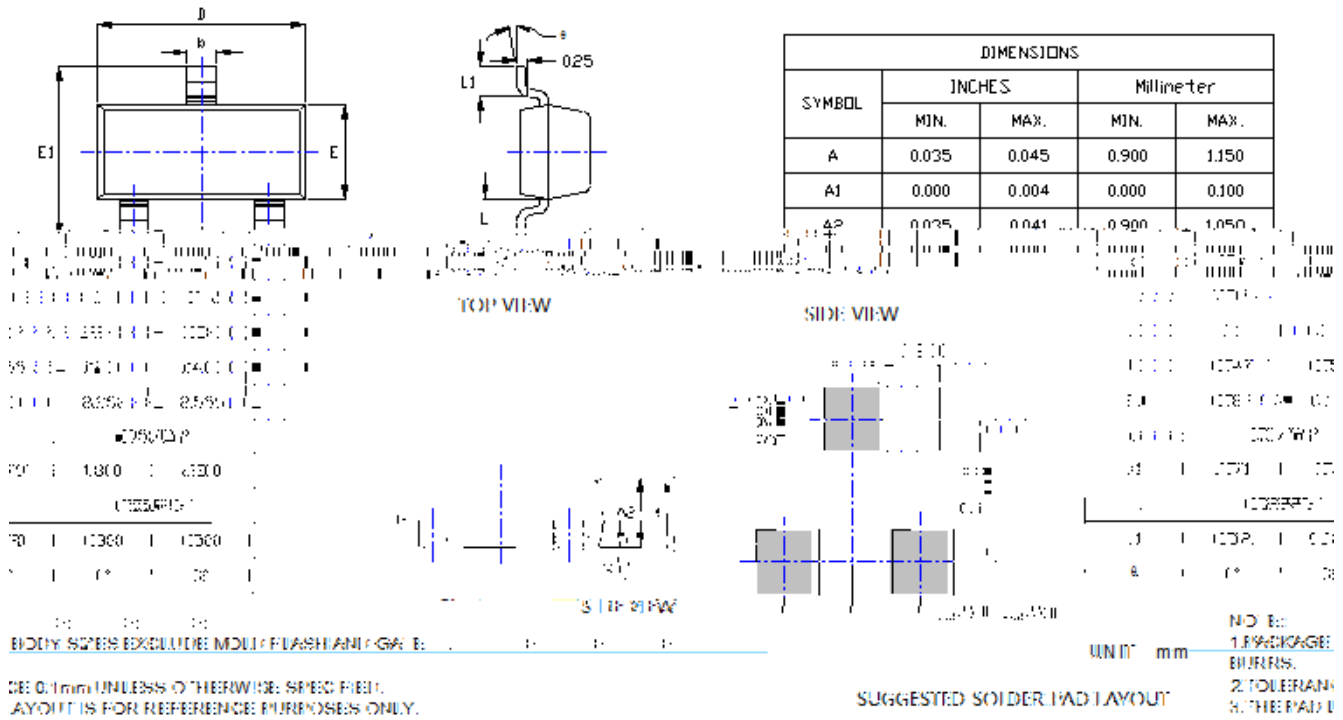
Fig.3: Power Derating Curve



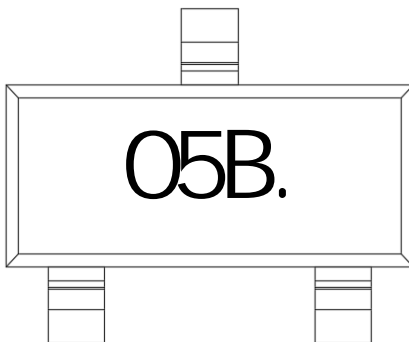


ESD0502EBQ

Outline Dimensions



Marking Information



Note:
 1. All marking is at middle of the product body
 2. All marking is in laser marking
 3. Body color: Black



Disclaimer

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 previous versions.