

ESD Protection Diode



Features

- Low clamping voltage
- Low leakage
- Operating voltage: 7V or 12V
- Marking: B712



Maximum Ratings

PARAMETER	SYMBOL	VALUE	UNIT
Operating Junction	T_J	-55 to +125	U
IEC61000-4-2(ESD)Air	V_{ESD}^1	± 30	KV
IEC61000-4-2(ESD)Contact		± 30	KV
Peak Pulse Power	P_{PP}^2	325	W
Peak Pulse Current	I_{PP}^2	13	A

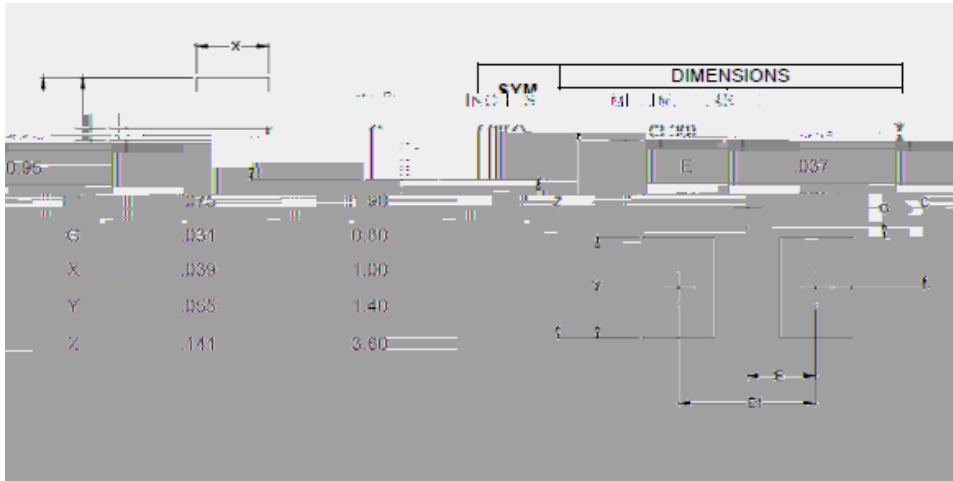
SM712

■Electrical Characteristics Ta=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	CONDITIONS	MIN	TYP	MAX
		V	P- 3 and P-		3	
			P- 1 and P-		2	



■ Soldering Footprint





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 ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), 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.