

Express recovery diode Reverse Voltage50V-600v Forward current-5A

Features

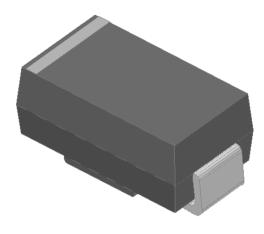
Glass passivated chip High surge current capability Ldeal for surface mounted applications Low power loss, high efficiency Plastic Case Material has UL Flammability

Mechanical Data

Package: SMB Terminals:Tin Plated leads, solderable per Mil-STD-750 Method 2026 Polarity: As marked Molding compound meets UL 94 V-0 flammability rating, ROHS-compliant

Maximum Ratings (Ta=25°C Unless otherwise specified)

emeay			
SYMBOL	ES5J	Umit	
V _{RRM}	600	V	
V _{RMS}	420	V	
V _{DC}	600	V	
IO _(AV)	5.0	А	
IFSM	120.0	A	
	240.0	A	
l ² t	59.8	A ² S	
V _{FM}	1.7	V	
	5.0		
	100.0	uA	
Trr	35.0	ns	
R _{QJa}	65.0	°C/W	
TJ		°C	
T _{STG}		°C	
	$\begin{array}{c c} SYMBOL \\ \hline V_{RRM} \\ \hline V_{RMS} \\ \hline V_{DC} \\ \hline IO_{(AV)} \\ \hline IFSM \\ \hline \\ IFSM \\ \hline \\ IFSM \\ \hline \\ IFSM \\ \hline \\ IR \\ \hline \\ R_{0Ja} \\ \hline \\ T_{J} \\ \hline \end{array}$	$\begin{tabular}{ c c c c c } \hline SYMBOL & ES5J & & & & & & & & & & & & & & & & & & &$	



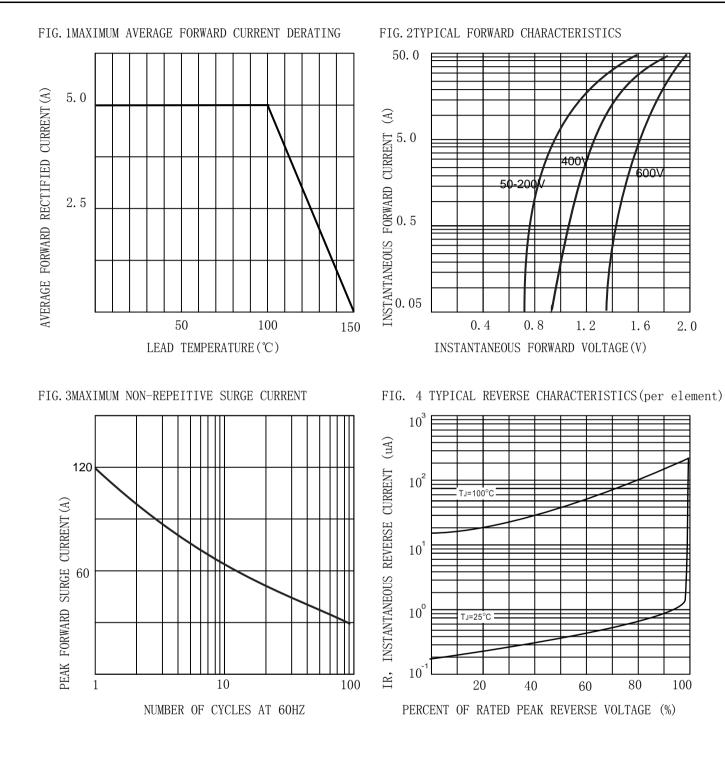




四川旭茂微科技有限公司

Sichuan Xu Mao Micro Technology Co.,Ltd

ES5J





MARKING INFORMATION

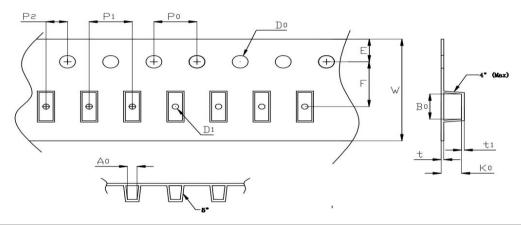


Solution = Logo
**** = Date Code Marking
ES3* = Marking Code

Print according to customer request

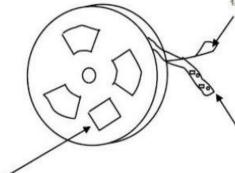
PACKING REQUIRMENTS

• Carrier tape packing



S	pecificati	Carrier	40	Во	Ко	Ро	W	+	Exiplain
	ons	tape type	Ao	DO	KU	FU	vv	L	слраш
	SMB	Anti-static	3.8± 0.10	5.4± 0.10	2.45± 0.10	4.00 ± 0.10	12.0 ± 0.10	0.23± 0.05	

覆盖胶带(COVER TAPE)



装件袋 (CARRIER TAPE)

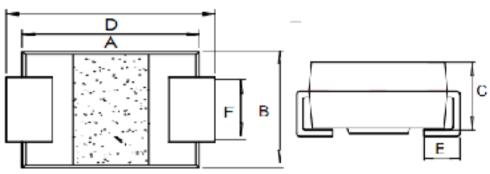
标签黏着面(仅一面)

DEVICE TYPE	Tape width	13"Reel			
		Q'TY/REEL (pcs)	BOX/CAR TOON	Q'TY/REEL (pcs)	
SMB	12mm	3000	20	60000	

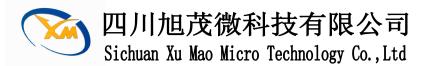


Outline Dimensions

SMB



SMB					
DIM	INC HES		MM		
	MIN	MAX	MIN	MAX	
А	0.16	0.19	4	4.8	
В	0.13	0.15	3.3	3.9	
С	0.08	0.10	2	2.5	
D	0.18	0.22	4.5	5.5	
E	0.03	0.06	0.7	1.5	
F	0.06	0.10	1.5	2.5	



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