imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



0.16+0.

Unit: mm

MA3X715 (MA715)

Silicon epitaxial planar type

For high frequency rectification

Features

• Low forward voltage V_F

Parameter

Maximum peak reverse voltage

Reverse voltage

Forward current

Peak forward

Junction temperature

Storage temperature

current

• Optimum for high frequency rectificatio reverse recovery time t_{rr}

Symbol

V_R

V_{RM}

 $I_{\rm F}$

IFM

Ti

T_{stg}

on because of a second se	of its short		
		- 17	
Rating	Unit		
30	v		<u> </u>
20	X7	0 to 0.1	1: Anode 1
30	V	B B	2: Cathode 2
30	mA		3: Cathode 1
20			Anode 2
20		EIAJ: SC-59	Mini3-G1 Package
150	mA	Marking Symbol: M2Y	
110		Givia King Symbol: WZ I	

Absolute Maximum Ratings T_a =

Single

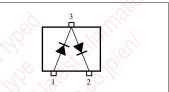
Series

Single

Series

0.40+0.10

Internal Connection



Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

Parameter	Symbol	Conditions	Min	Тур	Мах	Unit
Forward voltage	V _{F1}	$I_F = 1 \text{ mA}$	- Al	5	0.3	V
	V _{F2}	I _F = 30 mA	2.2		1.0	
Reverse current	I _R	$V_R = 30 V$			30	μΑ
Terminal capacitance	Ct	$V_R = 1 V, f = 1 MHz$		1.5		pF
Reverse recovery time *	t _{rr}	$I_F = I_R = 10 \text{ mA}$		1.0		ns
		$I_{rr} = 1 \text{ mA}, R_L = 100 \Omega$				
Detection efficiency	η	$V_{IN} = 3 V_{(peak)}$, f = 30 MHz		65		%
		$R_L = 3.9 \text{ k}\Omega, C_L = 10 \text{ pF}$				

°C

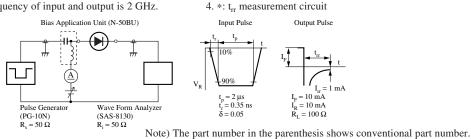
°C

125

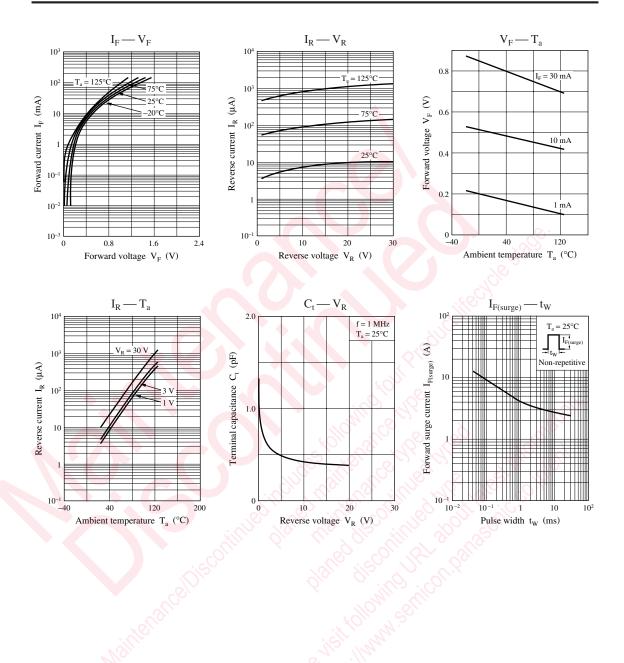
-55 to +125

Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

- 2. This product is sensitive to electric shock (static electricity, etc.). Due attention must be paid on the charge of a human body and the leakage of current from the operating equipment.
 - 3. Absolute frequency of input and output is 2 GHz.



Panasonic



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