



## WELDING DIODES SELECTOR GUIDE

TYPE	IF (AV) at Ts			IFSM (2) 1 pulse 50Hz (kA)	I2t (2) for fusing 50Hz (kA2s)	Junction temperature range (°C)	VRRM max Tj = Tj max (V)	IRRM typical Tj = Tj max (mA)	Vo Tj = Tj max (V)	rt (mΩ)	storage temp. (°C)	RthJC (3) (°C/W)	Typical reverse recovery time @ Tj=25°C			PACKAGE INFORMATION		
	(A)	(°C)	current code										IFM (A)	-dir/dt (A/μs)	trr (μs)	Mounting force or torque	Style	anode contact/ cathod contact / height (mm)
<b>R9XSMD</b>	7450	40	75	42 Vr=0	8820 Vr=0	-40 to 175	400	75	0,72	0,0308	-50 to 200	0,009	400	25	25	22,2-26,7kN	Caseless diode	56/49,2/5
<b>RAXMGC</b>	12000	79	12	57,3 Vr=0	16416 Vr=0	-40 to 175	400	100	0,977	###	-50 to 200	0,005	400	25	25	40-48,9 kN	Caseless diode	65/58/5

## ORDERING INFORMATION

Select the complete part number you desire from the following table

Type	Voltage (V) VRRM Code		Current (A) IF(AV) code	Recovery time trr (μs)
RAXMCG	200	02	select the current code in IF(AV) column	XX
	400	04		Not specified

### Examples :

#### RAXSMD 04 80 XX

RAXSMD : part  
 04 : VRRM = 400 V  
 80 : IF(AV) = 8000 A  
 XX : trr not specified  
 00 : no lead

### Notes

(2) = 100% reappplied voltage unless otherwise specified  
 (3) = DC Value

+ Old version diode  
 ° preliminary data sheet

All values shown in this document are subject to change for product improvement. The information, diagrams and all other data included herein are believed to be correct and reliable.