

SUPER FAST GLASS PASSIVATED RECTIFIERS

REVERSE VOLTAGE - 200 Volts FORWARD CURRENT - 1.0 Ampere

FEATURES

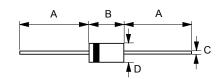
- Glass passivated chip
- Super fast switching time for high efficiency
- Low forward voltage drop and high current capability
- Low reverse leakage current
- Plastic material has UL flammability classification 94V-0

MECHANICAL DATA

Case: JEDEC DO-41 molded plastic
Polarity: Color band denotes cathode
Weight: 0.012 ounces, 0.34 grams

• Mounting position : Any

DO-41



	DO-41			
Dim.	Min.	Max.		
Α	25.4	-		
В	4.10	5.20		
С	0.71 Ø	0.86 Ø		
D	2.00 Ø	2.70 Ø		
All Dimensions in millimeter				

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

CHARACTERISTICS	SY	/MBOL	MUR120	UNIT
Maximum Recurrent Peak Reverse Vo	oltage \	V RRM	200	V
Maximum RMS Voltage	\	VRMS	140	V
Maximum DC Blocking Voltage		VDC	200	V
Maximum Average Forward Rectified Current	0T∟=130°C	l(AV)	1.0	Α
Peak Forward Surge Current 8.3ms single half sine-wave super imposed on rated load (JEDEC	I	İFSM	35	А
1/ II	@Tյ=25℃ @Tյ=150℃	VF	0.875 0.710	٧
	@Tյ=25℃ @Tյ=150℃	lr	2 50	uA
Reverse Recovery Time (Note 1)		TRR	25	ns
Typical Junction Capacitance (Note 2))	CJ	27	pF
Typical Thermal Resistance (Note 3)		Rejl	50	°C/W
Operating Temperature Range		TJ	-55 to +150	°C
Storage Temperature Range	-	Тѕтс	-55 to +150	°C

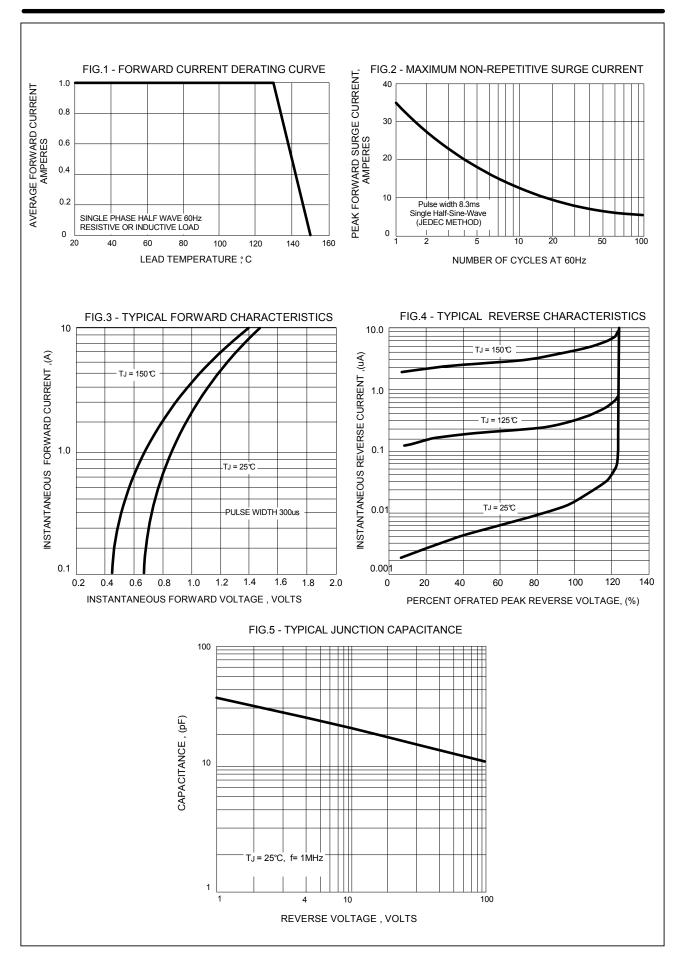
NOTES: 1.Measured with IF=0.5A,IR=1A,IRR=0.25A.

2.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

3. Thermal Resistance Junction to Lead.

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