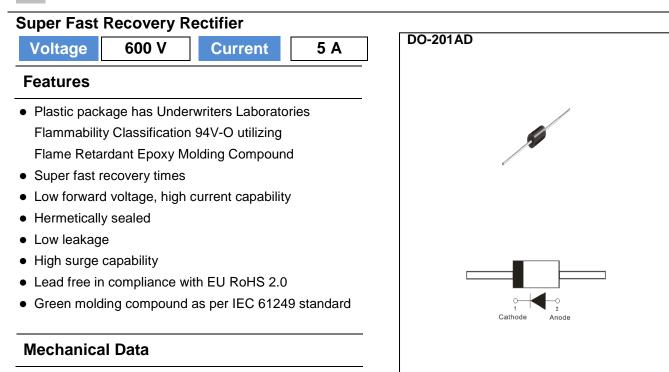
	• • •
ΡΛΝ	JIT
	SEMI
	CONDUCTOR



- Case : DO-201AD Package
- Terminals : Solderable per MIL-STD-750, Method 2026
- Approx. Weight : 0.0396 ounces, 1.122 grams

Maximum Ratings and Thermal Characteristics (T_A = 25 °C unless otherwise noted)

PARAMETER	SYMBOL	LIMIT	UNITS	
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	600	V	
Maximum Rms Voltage	Vrms	420	V	
Maximum Dc Blocking Voltage	V _{DC}	600	V	
Maximum Average Forward Current	I _{F(AV)}	5	А	
Peak Forward Surge Current : 8.3 ms Single Half Sine- Wave Superimposed On Rated Load	I _{FSM}	130	А	
Typical Junction Capacitance Measured at 1 MHZ And Applied $V_R = 4 V$	CJ	33	pF	
Typical Thermal Resistance ^(Note 1)	Reja	34	°C/W	
	Rejc	6		
Operating Junction Temperature Range	TJ	-55~150	°C	
Storage Temperature Range	T _{STG}	-55~150	°C	



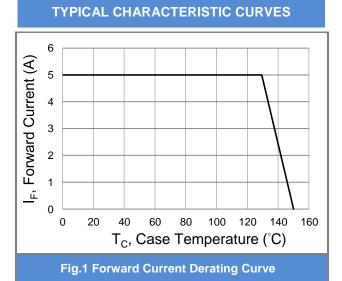
Electrical Characteristics (T_A = 25 °C unless otherwise noted)

PARAMETER	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNITS
Forward Voltage	VF	I⊧ = 5 A, TJ = 25 °C	-	-	1.7	V
Reverse Current	I _R	$V_R = 600 \text{ V}, \text{T}_J = 25 ^{\circ}\text{C}$	-	-	1	uA
		$V_R = 600 \text{ V}, \text{T}_J = 125 ^{\circ}\text{C}$	-	-	300	
Reverse Recovery Time	T _{RR}	I _F = 0.5 A, I _R = 1 A,	_		05	
		I _{RR} = 0.25 A, T _J = 25 °C	-	-	35	ns

NOTES:

1. Thermal resistance from junction to ambient and from junction to case at 0.375" (9.5mm)lead length P.C.B.mounted





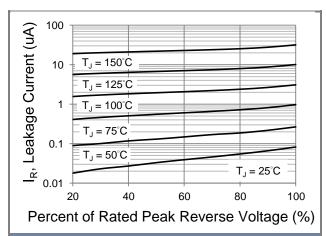
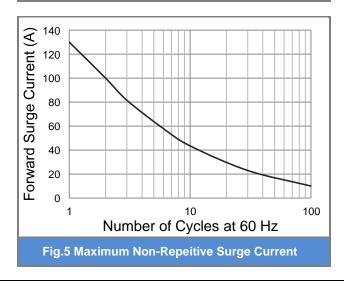
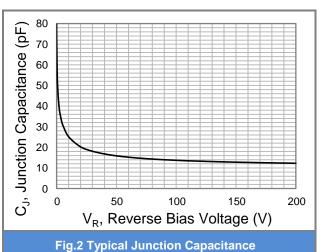
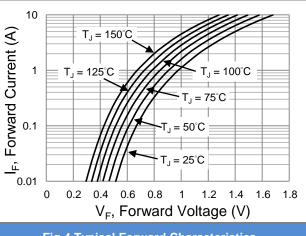


Fig.3 Typical Reverse Characteristics









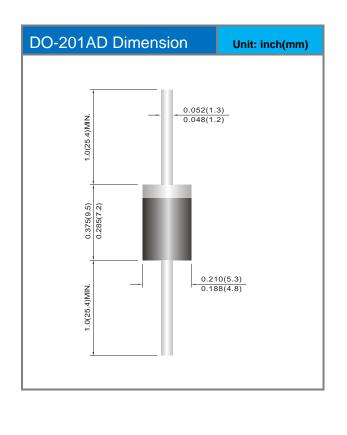




Part No. Packing Code Version

Part No. Packing Code	Package Type	Packing Type	Marking	Version
ER506_AY_00101	DO-201AD	1250pcs / Ammo	ER506	Halogen free
ER506_B0_00101	DO-201AD	500pcs / Box	ER506	Halogen free
ER506_R2_00101	DO-201AD	1250pcs / 13" reel	ER506	Halogen free

Packaging Information







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