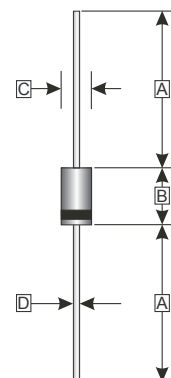


RoHS Compliant Product
A suffix of "-C" specifies halogen & lead-free

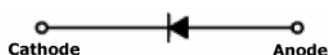
DO-35

FEATURE

- DO-35 Package (JEDEC)
- Through-Hole Device Type Mounting
- Hermetically Sealed Glass
- Compression Bonded Construction
- All external surfaces are corrosion resistant and leads are readily solderable
- RoHS Compliant
- Solder hot dip Tin (Sn) lead finish
- Cathode indicated by polarity band



ELECTRICAL SYMBOL



REF.	Millimeter	
	Min.	Max.
A	25.4	38.1
B	3.05	5.08
C	1.53	2.28
D	0.46	0.55

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (T_A = 25°C unless otherwise noted)

Parameter	Symbol	Ratings	Unit
Maximum Repetitive Reverse Voltage	V _{RRM}	250	V
Average Rectified Forward Current	I _{F(AV)}	200	mA
Non-repetitive Peak Forward Current	I _{FSM}	PW = 1.0s 1.0	A
Forward Current		PW = 1.0µs 4.0	
Power Dissipation	P _D	500	mW
Thermal Resistance Junction to Ambient	R _{θJA}	300	°C / W
Operating Junction, Storage Temperature	T _J , T _{STG}	175, -65 ~ +200	°C

These ratings are limiting values above which the serviceability of the diode may be impaired.

ELECTRICAL CHARACTERISTICS (T_A = 25°C unless otherwise specified)

Parameters	Symbol	Min.	Max.	Unit	Test Conditions
Breakdown Voltage	B _V	120	-	V	I _R =100µA
		200	-		
		250	-		
Reverse Leakage Current	I _R	-	100	nA	V _R = 100V
		-	100		V _R = 150V
		-	100		V _R = 200V
Forward Voltage	V _F	-	1.0	V	I _F = 100mA
		-	1.25		I _F = 200mA
Reverse Recovery Time	T _{RR}	-	50	nS	I _F = I _R = 30 mA, I _{RR} =3mA, R _L =100Ω
Capacitance	C	-	5.0	pF	V _R = 0V, f=1MHz