

M·C·C·

Micro Commercial Components

Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

DR351
THRU
DR356

Features

- Low Leakage
- Low Forward Voltage Drop
- High Current Capability
- High Forward Surge Current Capability

Maximum Ratings

- Operating Temperature: -65°C to +175°C
- Storage Temperature: -65°C to +175°C

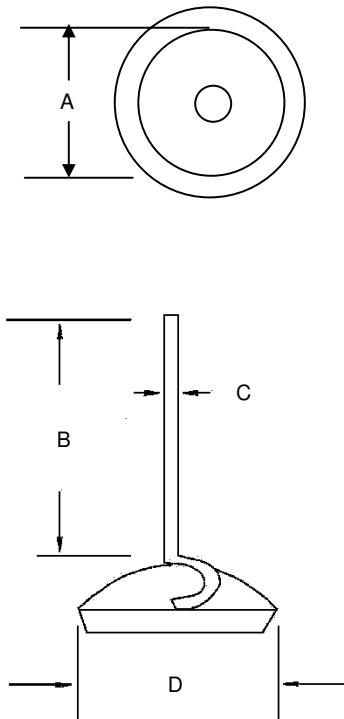
MCC Part Number	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
DR351	100V	70V	100V
DR352	200V	140V	200V
DR353	300V	210V	300V
DR354	400V	280V	400V
DR356	600V	420V	600V

Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Forward Current	$I_{F(AV)}$	35A	$T_C = 105^\circ C$
Peak Forward Surge Current	I_{FSM}	400A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	V_F	1.15V	$I_{FM} = 80A$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	5µA 350µA	$T_A = 25^\circ C$ $T_C = 100^\circ C$
Rating for Fusing	I^2t	664 A ² S	$t < 8.3ms$
Typical Thermal Resistance	$R_{\theta JC}$	0.8°C/W	Note 1

Note 1: at 0.5" (12.7) lead length(P.C.B. mounted)

DR25/35



DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	---	5.500	---	33.00	
B	.710	.780	18.00	20.00	
C	.057	.065	1.45	1.65	
D	.370	.390	9.50	9.90	

www.mccsemi.com



TM

Micro Commercial Components

*****IMPORTANT NOTICE*****

Micro Commercial Components Corp. reserves the right to make changes without further notice to any product herein to make corrections, modifications, enhancements, improvements, or other changes.

Micro Commercial Components Corp. does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights, nor the rights of others. The user of products in such applications shall assume all risks of such use and will agree to hold *Micro Commercial Components Corp.* and all the companies whose products are represented on our website, harmless against all damages.

*****APPLICATIONS DISCLAIMER*****

Products offered by *Micro Commercial Components Corp.* are not intended for use in Medical, Aerospace or Military Applications.

www.mccsemi.com