

Rectifier Diode D40



Technical Data

Typical applications :All purpose high power rectifier diodes, Non-controllable and half controlled rectifiers .

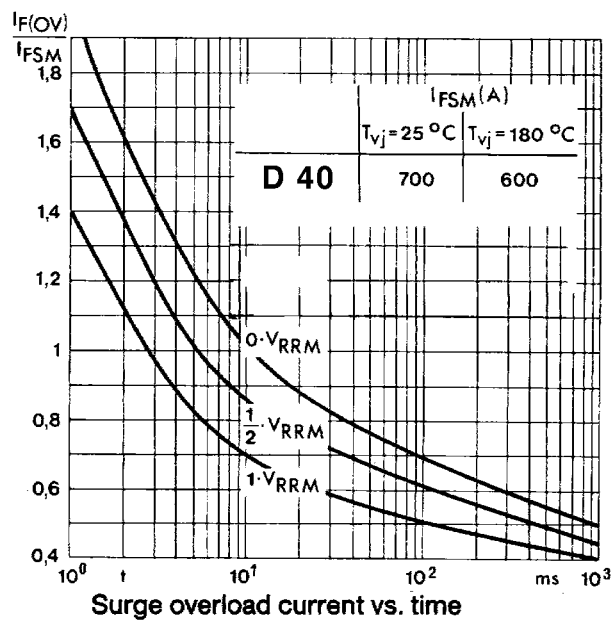
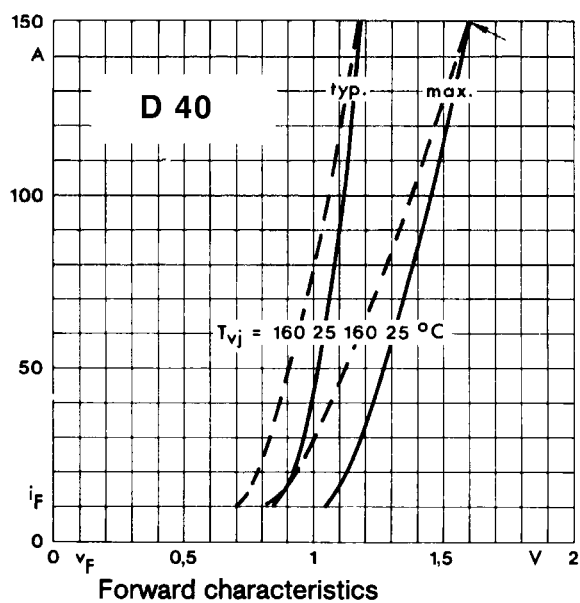
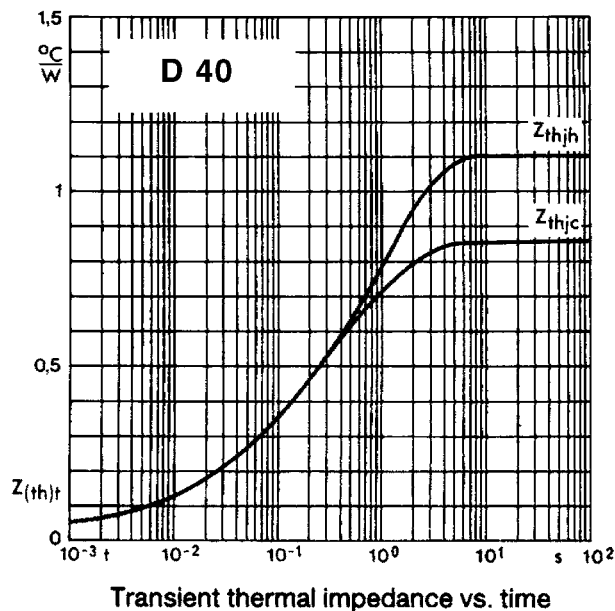
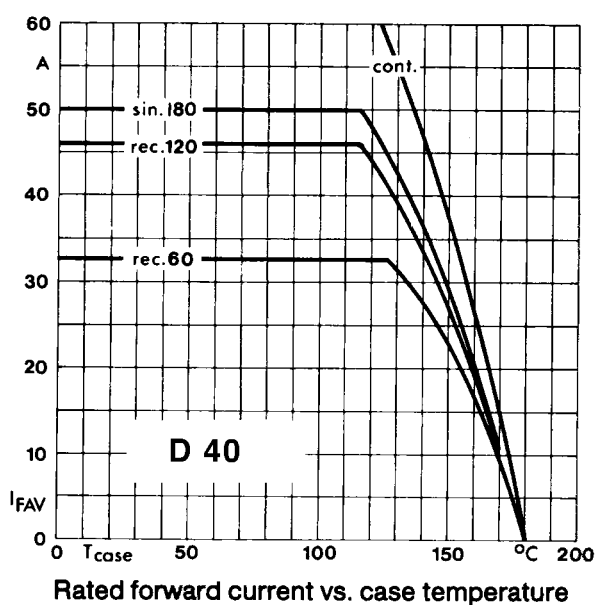
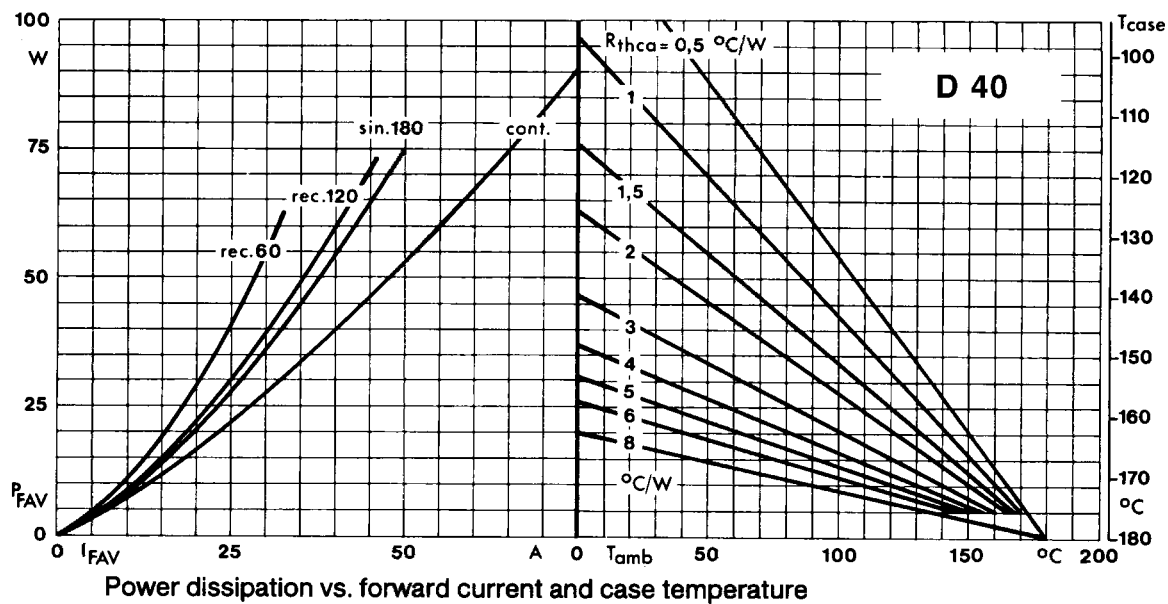
Type No.	V_{RRM} (Volts)	V_{RSM} (Volts)
D40/02	200	300
D40/04	400	500
D40/08	800	900
D40/12	1200	1300
D40/16	1600	1700

Features

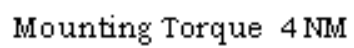
- Reverse voltage upto 1600V.
- Hermatic glass to metal seal
- C : Cathode to stud
- A : Anode to stud

Symbol	Conditions	Values
$I_{F(AV)}$	Sin 180 ; $T_{case} = 125^{\circ}C$	40 A
I_{FSM}	$T_{vj} = 25^{\circ}C$; 10 ms $T_{vj} = 180^{\circ}C$; 10 ms	700 A 600 A
I^2t	$T_{vj} = 25^{\circ}C$ $T_{vj} = 180^{\circ}C$	2500 A ² s 1800 A ² s
I_{RRM}	$T_{vj} = 180^{\circ}C$	10 mA max
V_F V_0 R_0	$T_{vj} = 25^{\circ}C$; $I_F = 150 A$ $T_{vj} = 180^{\circ}C$ $T_{vj} = 180^{\circ}C$	1.6 V max 0.85 V 5 mW
$R_{th(j-c)}$ $R_{th(c-h)}$ T_{vj} T_{stg}		0.85 $^{\circ}C/W$ 0.25 $^{\circ}C/W$ 180 $^{\circ}C$ -40.....+ 180 $^{\circ}C$
Mounting torque	SI units	4 Nm
Weight	Approx	30 g
Case outline		D/L

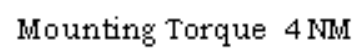




All Dimensions in mm



D



L