

SILICON POWER DIODE



NAINA

DO-5

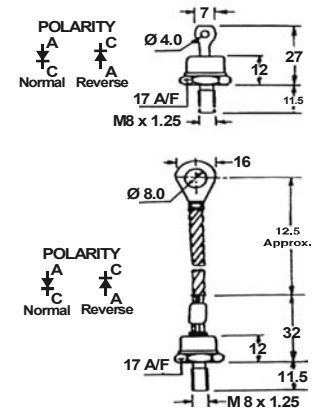
FEATURES

- Diffused Series
- Available in Normal & Reverse Polarity
- Industrial Grade
- Available In Avalanche Characteristic

* Available in metric and UNF thread

ELECTRICAL SPECIFICATIONS

I_F	Maximum Average Forward Current $T=125^{\circ}\text{C}$	70A
V_{FM}	Maximum peak forward voltage drop @ Rated $I_F(AV)$	1.2V
I_{FSM}	Maximum peak one cycle (non-rep) surge current 10 m sec	1000 A
I_{FRM}	Maximum peak repetitive surge current	350 A
I^2t	Maximum I^2t rating (non-rep.) for 5 to 10 msec.	5000 $A^2 \text{ Sec}$



THERMAL MECHANICAL SPECIFICATIONS

θ_{JC}	Maximum thermal resistance Junction to case	0.45°C/W
T _j	Operating Junction Temp.	-55°C to 180°C
T _{stg}	Storage temperature	-65°C to 200°C
	Mounting torque (Non-lubricated threads)	0.4 M-kg min, 0.6 M-kg max
W	Approx, weight	13.5 & 30 gms.

ELECTRICAL RATINGS

[illegible]

NAINA SEMICONDUCTOR LTD.,
D-95,SECTOR 63 NOIDA(INDIA)
e-mail:sales@nainasemi.com , web site :www.nainasemi.com