

FEATURES

- Compact in size
- Hermetic glass metal diode
- Diode - K50N/R

TYPICAL APPLICATIONS

- KEC Alternator (Bliss 125 KVA)

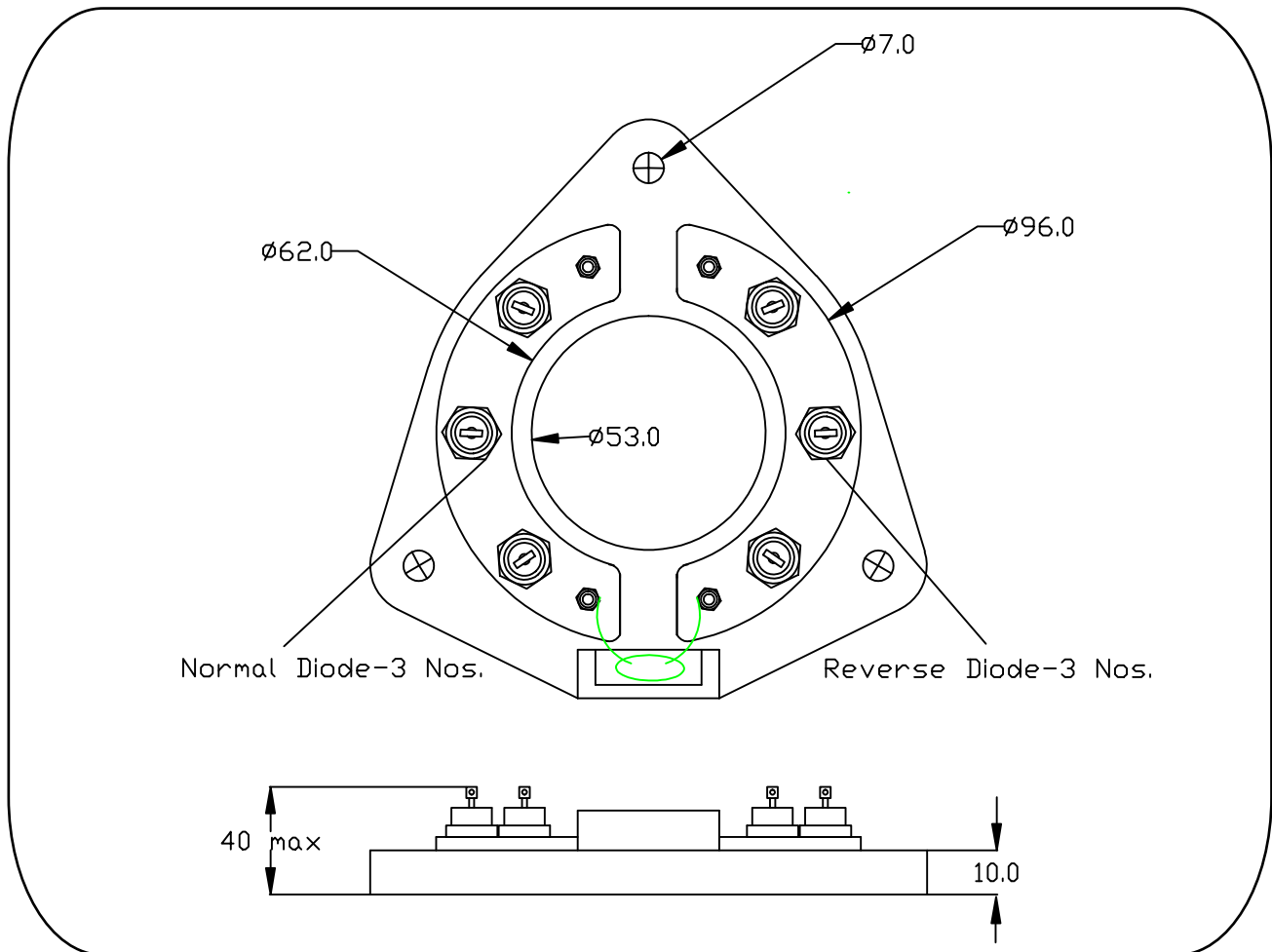
TECHNICAL DATA

DEVICE TYPE	V_{DRM} (V)	V_{RSM} (V)
RRA(TRIANGULAR)	1000	1100



SYMBOL	CONDITIONS	VALUES
$I_{F(AV)}$	Maximum average forward Current $T_c = 140^{\circ}C$	50A
V_{FM}	Maximum peak forward Voltage drop @ Rated I_F (Peak)	1.35 V
I_{FSM}	Maximum peak one cycle (non-rep.) surge current 10 msec	500 A
I^2t	Max. I^2t rating (non-rep.) for 10 msec	1250 A ² Sec
I_{RRM}	Peak reverse current at $T_{vj} = 175^{\circ}C$	10 mA
V_0 R_0	$T_{vj} = \max$ $T_{vj} = \max$	0.85 V 6.00 m Ω
$R_{th(j-c)}$ $R_{th(c-h)}$ T_{vj} T_{stg}	Maximum thermal resistance (Junction to case) Maximum thermal resistance (Case to heat sink) Junction temperature Storage temperature	1.0 $^{\circ}C/W$ 0.30 $^{\circ}C/W$ 150 $^{\circ}C$ 160 $^{\circ}C$
Mounting torque	For diode mounting	6 NM
Weight	Approx.	2.0 Kg.
Package Outline		IR - 43

PACKAGE OUTLINE



All dimensions are in mm.

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