



1 - ϕ BRIDGE RECTIFIER
 MBG 35

FEATURES

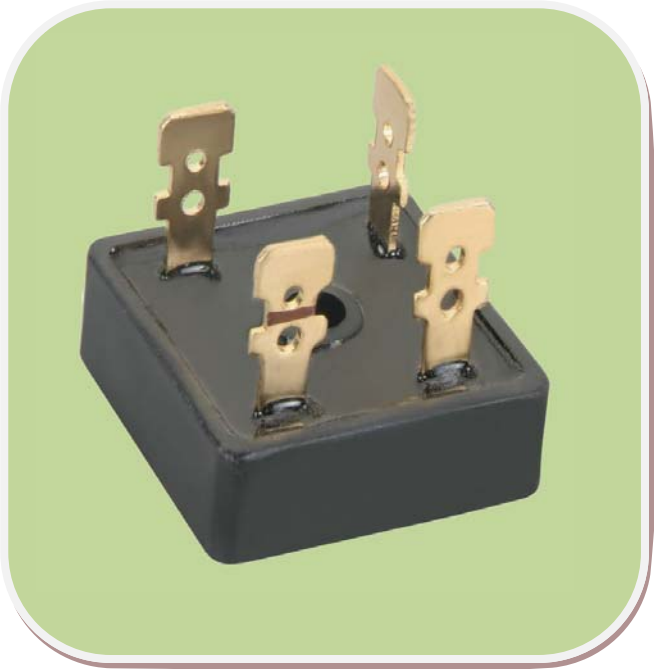
- Reverse voltage upto 1600V
- Epoxy insulated

TYPICAL APPLICATIONS

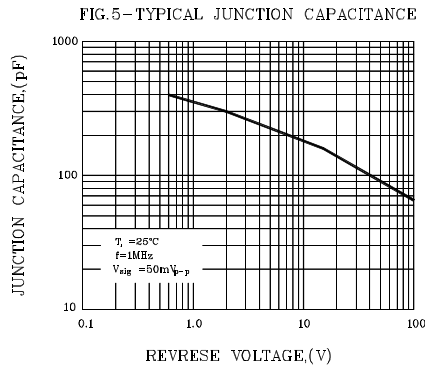
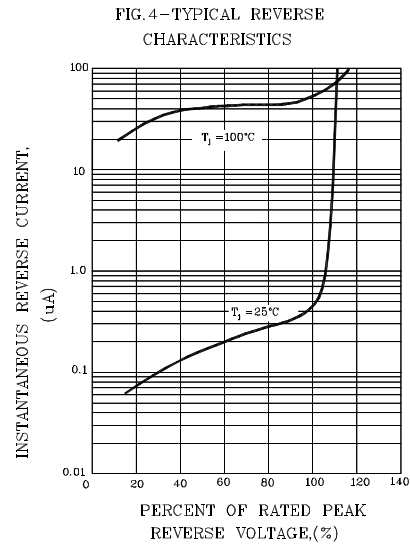
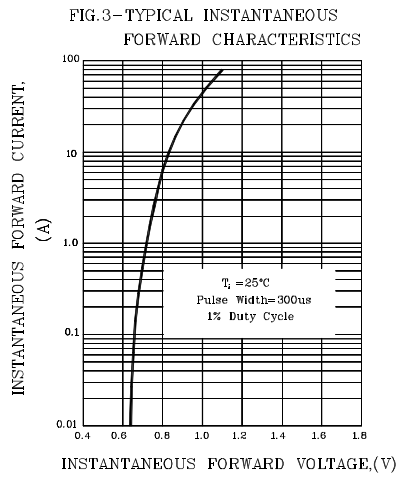
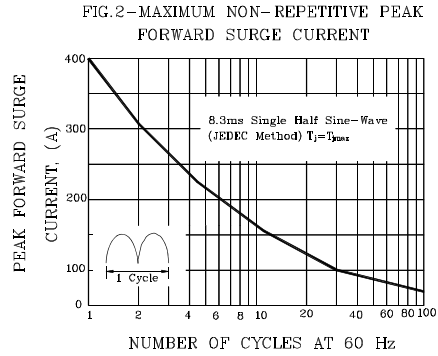
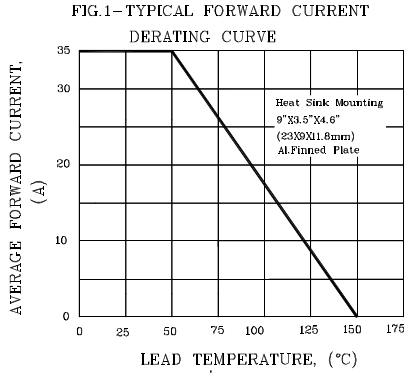
- Internal power supplies for electronic equipments
- DC Power supplies

TECHNICAL DATA

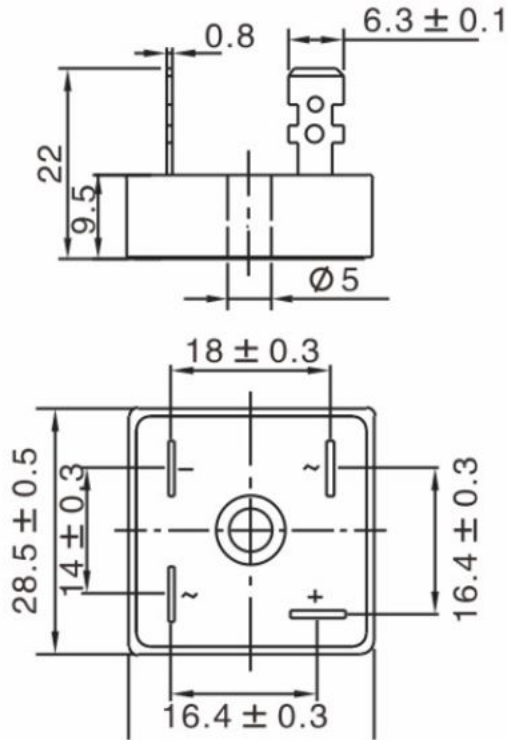
DEVICE TYPE	V_{RRM} (V)	V_{RSM} (V)
MBG 35/14	1400	1500
MBG 35/16	1600	1700



SYMBOL	CONDITIONS	VALUES
I_{DC}	$T_{case} = 85^{\circ}C$	35 amp.
I_{FSM} I^2t	$T_{vj}=130^{\circ}C$ $T_{vj}=130^{\circ}C$	370 amp. 680 A ² S
I_{RRM}	$T_{vj}=25^{\circ}C$ $T_{vj}=130^{\circ}C$	1.0mA 5.0mA
V_F	$T_{vj}=25^{\circ}C$ ($I_F=35$ Amp.); max	1.17 V
V_o R_o	$T_{vj}=25^{\circ}C$ ($I_F=25$ Amp.); max	0.85 V 5 mA
$R_{th(j-c)}$ T_{vj} T_{stg}		1.2 $^{\circ}C/W$ 125 $^{\circ}C$ 125 $^{\circ}C$
Mounting torque		2.5 Nm
Weight	Approx.	20 gm
V_{isol}	A.C. 50hz r.m.s Duration 1 min	2500 V
Package Outline		IR-10,IR-11,IR-12,IR-13



PACKAGE OUTLINE



Gold

IR-21

All dimensions are in mm.

Insel Rectifiers (India) Pvt. Ltd.

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