

FEATURES

- Reverse voltage upto 1600V
- Epoxy insulated

TYPICAL APPLICATIONS

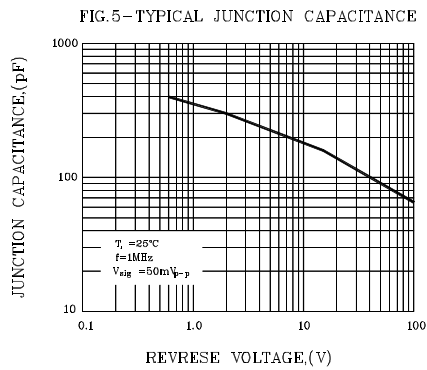
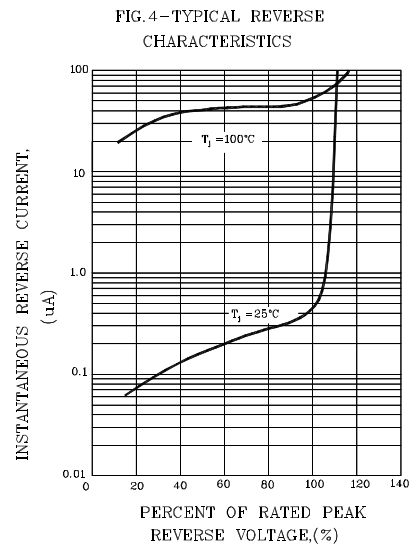
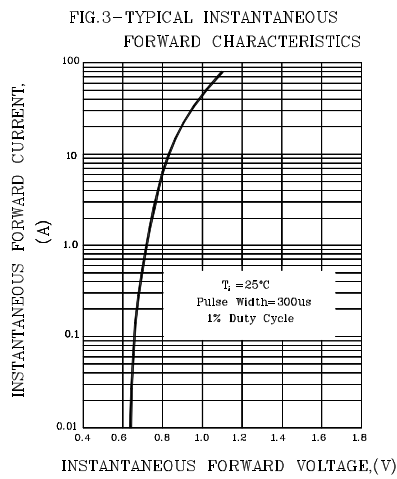
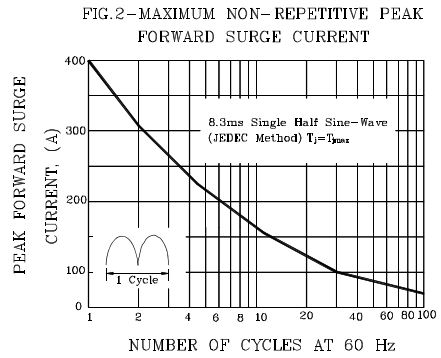
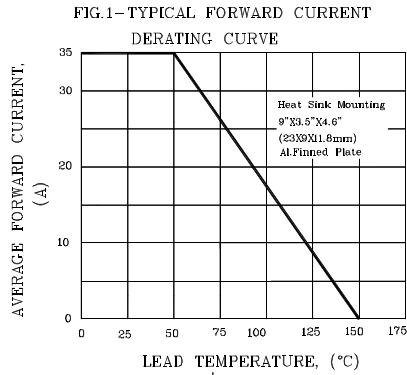
- Internal power supplies for electronic equipments
- DC Power supplies

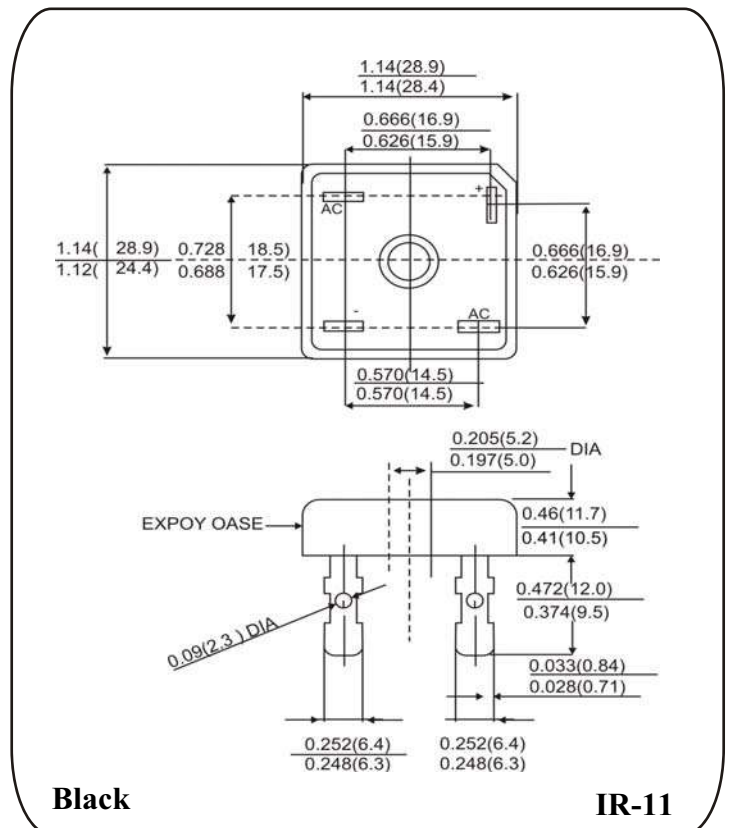
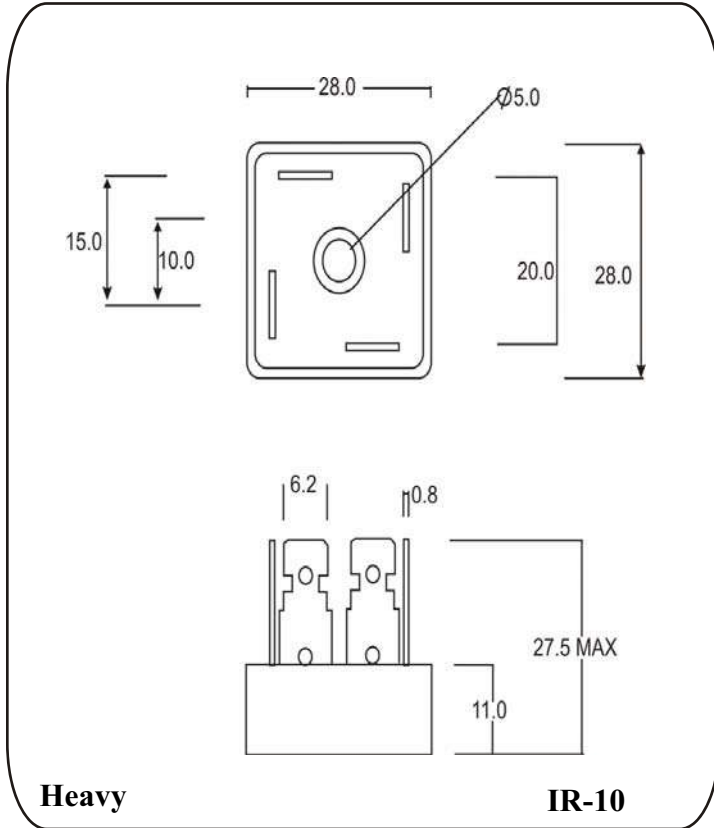


TECHNICAL DATA

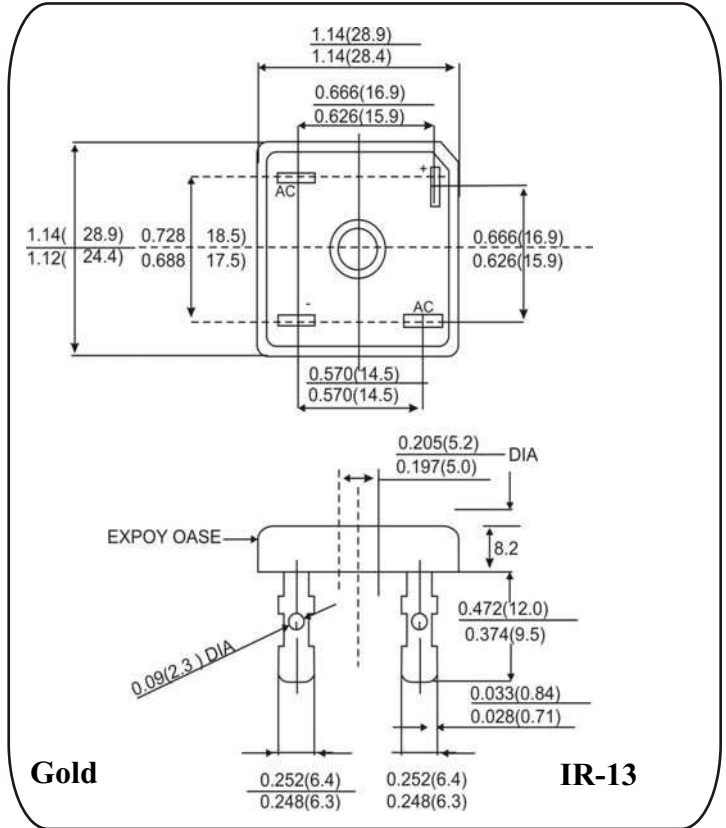
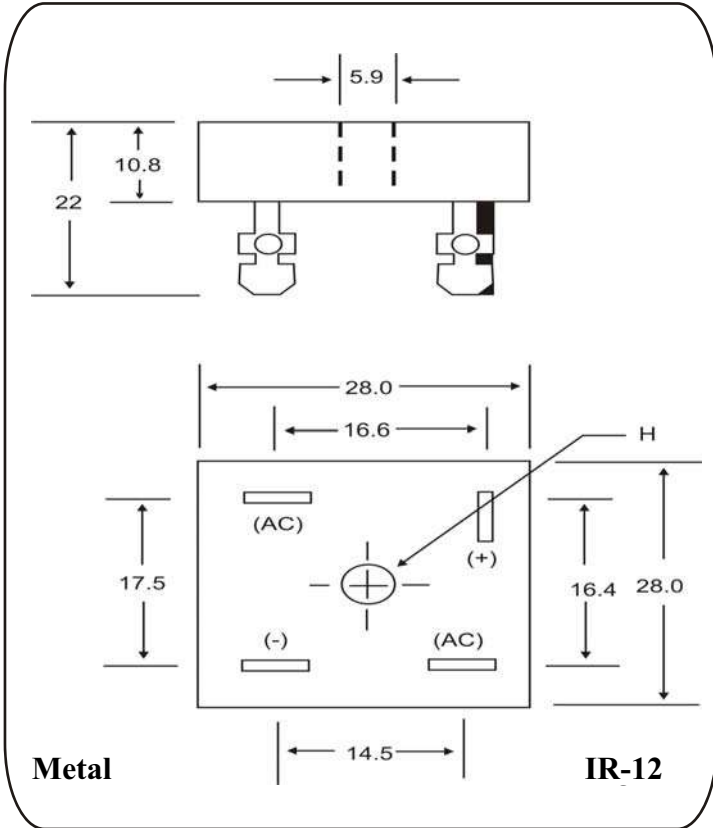
DEVICE TYPE	V_{RRM} (V)	V_{RSM} (V)
MB50-10	1000	1100
MB50-12	1200	1300
MB50-14	1400	1500

SYMBOL	CONDITIONS	VALUES
I_{DC}	$T_{case} = 85^{\circ}C$	50 amp.
I_{FSM} I^2t	$T_{vj}=130^{\circ}C$ $T_{vj}=130^{\circ}C$	500 amp. 1250 A ² S
I_{RRM}	$T_{vj}=25^{\circ}C$ $T_{vj}=130^{\circ}C$	1.0mA 7.0mA
V_F	$T_{vj}=25^{\circ}C$ ($I_F=50$ 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}		1.1 $^{\circ}C/W$ 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



All dimensions are in mm.

Insel Rectifiers (India) Pvt. Ltd.

(An ISO 9001:2015, ISO 14001:2015 Certified Company)