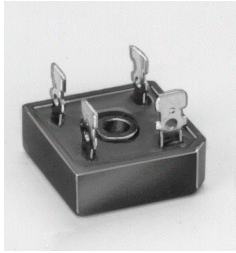




SB15, SB25, SB35, SB40, & SB50

EDI Single-15 to 50 Amperes Commercial Grade Bridges



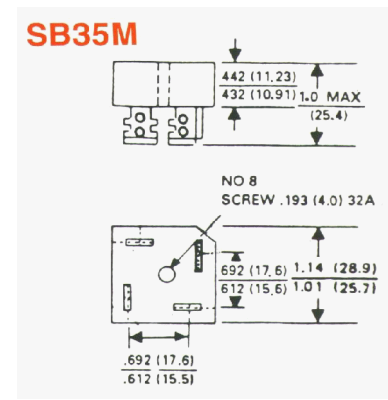
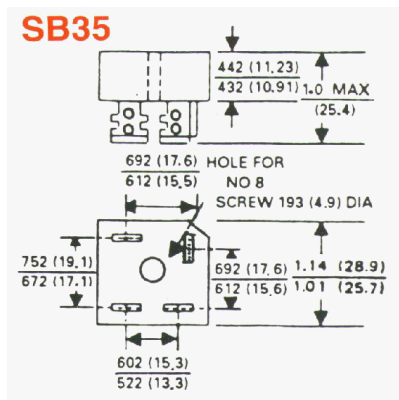
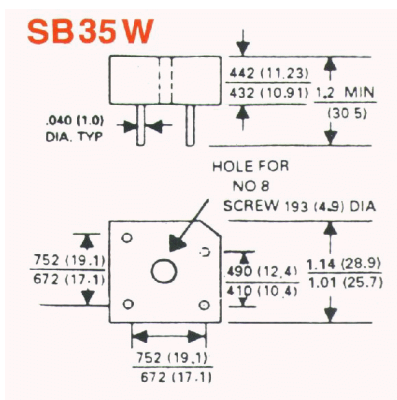
	50V	100V	200V	400V	600V	800V	1000V
SB15 SERIES 15 A.	SB1505	SB15	SB152	SB154	SB156	SB158	SB1510
SB25 SERIES 25 A.	SB2505	SB251	SB252	SB254	SB256	SB258	SB2510
SB35 SERIES 35 A.	SB3505	SB351	SB352	SB354	SB356	SB358	SB3510
SB40 SERIES 40 A.	SB4005	SB401	SB402	SB404	SB406	SB408	SB4010
SB50 SERIES 50 A.	SB5005	SB501	SB502	SB504	SB506	SB508	SB5010

NOTE: Add suffix "W" for wire leads SB35W package;

Add suffix "M" for SB35M package

Electrical Characteristics	SB15	SB25	SB35	SB40	SB50
at $T_A = 25^\circ\text{C}$ Unless Otherwise Specified	Series	Series	Series	Series	Series
Average Output Current, $I_O @ 50^\circ\text{C } T_C$	15 Amp	25 Amp	35 Amp	40 Amp	50 Amp
Max. Forward Voltage Drop, $V_{FM} = 1.1\text{V} @ I_F =$	7.5 Amp	12.5 Amp	17.5 Amp	20 Amp	25 Amp
Max. DC Reverse Current @ PRV I_R	10 μA	10 μA	10 μA	10 μA	10 μA
Max Peak Surge Current, I_{FSM} (8.3ms)	300 Amp	300 Amp	400 Amp	400 Amp	400 Amp

DIAGRAMS



EDI reserves the right to change these specifications at any time without notice.

ELECTRONIC DEVICES, INC. DESIGNER AND MANUFACTURERS OF SOLID DEVICES SINCE 1951.

- 21 GRAYOAKS AVENUE YONKERS, NEW YORK, 10710
- FAX: 914-965-5531

- 914-965-4400
- 1-800-678-0828
- e-mail: sales@EDIdiodes.com
- web site: www.EDIdiodes.com