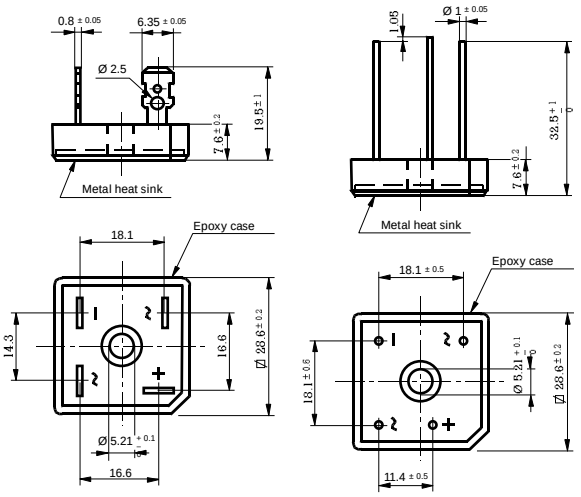
FB1500..... FB1510
FB1500L..... FB1510L

15 Amp. Glass Passivated Bridge Rectifier

Dimensions in mm.



Voltage
50 to 1000 V

Current
15 A

HYPERECTIFIER®

- Glass Passivated Junction
- UL recognized under component index file number E130180
- Terminals: FASTON ①
- Terminals: WIRE LEADS ②
- Max. Mounting Torque: 25 Kg x cm

Lead and polarity identifications

High surge current capability

Maximum Ratings, according to IEC publication No. 134

		①	FB1500	FB1501	FB1502	FB1504	FB1506	FB1508	FB1510
		②	FB1500L	FB1501L	FB1502L	FB1504L	FB1506L	FB1508L	FB1510L
V_{RRM}	Peak Recurrent Reverse Voltage (V)		50	100	200	400	600	800	1000
V_{RMS}	Maximum RMS Voltage (V)		35	70	140	280	420	560	700
V_R	Recommended Input Voltage (V)		20	40	80	125	250	380	500
$I_{F(AV)}$	Max. forward current R-load: At T case = 55 °C At T case = 90 °C With Al Square Chassis (200 cm² x 3 mm.) Tamb = 45 °C		15 A 10 A 8 A						
I_{FRM}	Recurrent peak forward current		60 A						
I_{FSM}	10 ms. peak forward current		300 A						
I^2t	I^2t value for fusing (t = 10 ms)		450 A^2sec						
T_j	Operating temperature range		– 55 to + 150 °C						
T_{stg}	Storage temperature range		– 55 to + 150 °C						

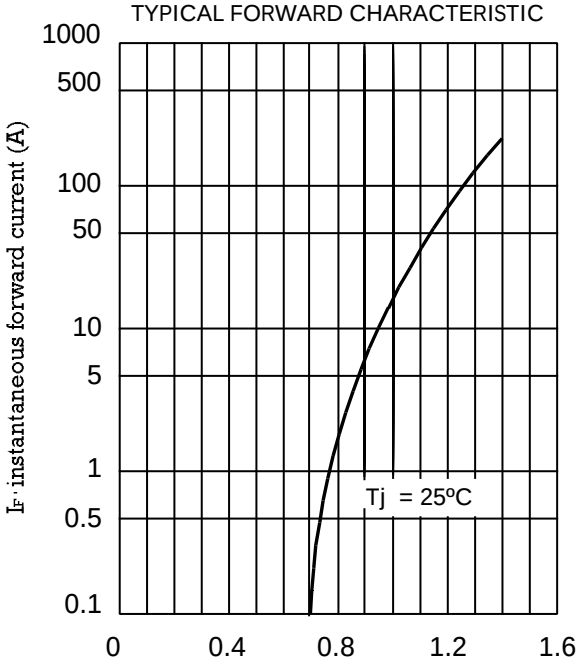
Electrical Characteristics at Tamb = 25 °C

V_F	Max. forward voltage drop per element at I_F = 7.5 A	1.1 V
I_R	Max. reverse current per element at V_{RRM} d.c.	5 µ A
R_{thj-c}	Typical thermal resistance junction to case	1.4 °C/W
	Isolation voltage from case to leads	2500 Vac

Jan - 00

Characteristic Curves

TYPICAL FORWARD CHARACTERISTIC



MAXIMUM NON-REPETITIVE
PEAK FORWARD SURGE CURRENT

