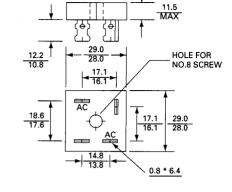
# KBPC10, 15, 25, 35 ... 10A / 15A / 25A / 35A SINGLE - PHASE SILICON BRIDGE

### Features

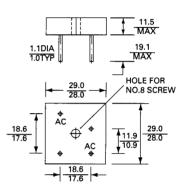
- Surge overload 200 400 Amperes peak
- Low forward voltage drop
- Mounting Position: Any
- Electrically isolated base-180 Volts
- Solderable .25" FASTON terminals
- Materials used carries U/L recognition

TERMINALS / METAL

LEAD / METAL



TERMINALS / PLASTIC



## LEAD / PLASTIC

#### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25 °C ambient temperature unless otherwise specified. Resistive or inductive load 60Hz For capacitive load current by 20%.

Tor capacitive load current by 20%.	KBPC10005	KBPC100	1 KBPC1	KBPC1002		1004 KE	3PC1006	KBPC1008	KBPC1010	
	KBPC15005	KBPC150	1 KBPC1	KBPC1502		1504 KE	3PC1506	KBPC1508	KBPC1510	
	KBPC25005	KBPC250	1 KBPC2	2502	KBPC2	2504 KE	3PC2506	KBPC2508	KBPC2510	
Characteristic	KBPC35005	KBPC350		KBPC3502		3504 KE	3PC3506	KBPC3508	KBPC3510	UNITS
Maximum Recurrent Peak Reverse Voltage	50	100	200	200		0	600	800	1000	V
Max RMS Bridge Input Voltage	35	70	140	40 280		0	420	560	700	٧
Maximum Average ForwardRectified Output Current at $T_A = 55 \text{ °C}$		10	/ <b>.</b>		15		25		35	A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load	-KBPC10	200	(BPC15		800	KBPC28	300	KBPC35	400	А
Maximum Forward Voltage Drop per element At 5.0/7.5/12.5/17.5A Peak	1.2									v
Maximum Reverse Current at Rated DC Blocking Voltage per element T <sub>A</sub> = 25 °C	1.0									μA
Operating Temperature Range T <sub>c</sub>	-55 to + 125									°C
Storage Temperature Range T <sub>A</sub>	-55 to + 150									°C

NOTE: Also available on KBPC 10W/15W/25W/35W series.



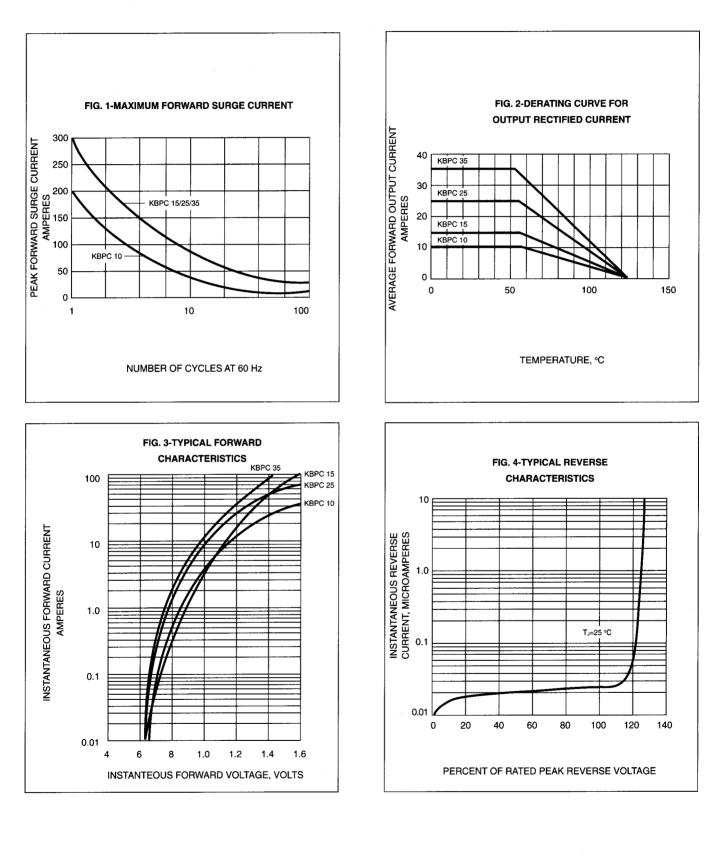
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# KBPC10, 15, 25, 35 ... 10A / 15A / 25A / 35A SINGLE - PHASE SILICON BRIDGE

### **RATING AND CHARACTERISTICS CURVES**

KBPC10/15/25/35 SERIES





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