

CURRENT 4.0 Ampere
 VOLTAGE RANG 50 to 1000 Volts

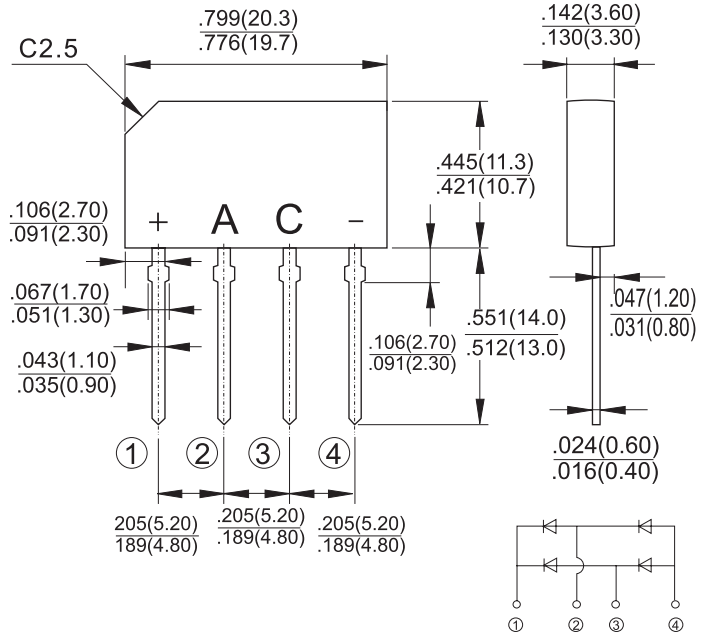
GBL4005 THRU GBL410

GBL

- ✧ Glass passivated chip junction
- ✧ Ideal for printed circuit board
- ✧ High case dielectric strength
- ✧ Plastic material has Underwriters Laboratory Flammability Classification 94V-0
- ✧ Typical IR less than 0.1μA
- ✧ High surge current capability
- ✧ High temperature soldering guaranteed: 260°C / 10 seconds / .375", (9.5mm) lead lengths.

Mechanical Data

- ✧ Case: Molded plastic body.
- ✧ Terminals: Plated leads solderable per MIL-STD-750, Method 2026.
- ✧ Weight: 0.06 ounce, 1.7 grams
- ✧ Mounting position: Any



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

at 25°C ambient temperature unless otherwise specified.

PARAMETERS	SYMBOL	GBL 401	GBL 402	GBL 404	GBL 406	GBL 408	GBL 410	UNIT
Maximum Repetitive Voltage	V_{RRM}	100	200	400	600	800	1000	V
Maximum RMS Voltage	V_{RMS}	70	140	280	420	560	700	
Maximum DC Blocking Voltage	V_{DC}	100	200	400	600	800	1000	
Maximum DC Reverse Current at Rated DC Blocking Voltage @ $T_A=25^\circ\text{C}$ @ $T_A=125^\circ\text{C}$	I_R	0.6	0.6	0.6	0.6	0.6	0.6	mA

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Rating and Characteristic Curves (TA=25°C Unless otherwise noted)

Fig.3 Forward Voltage

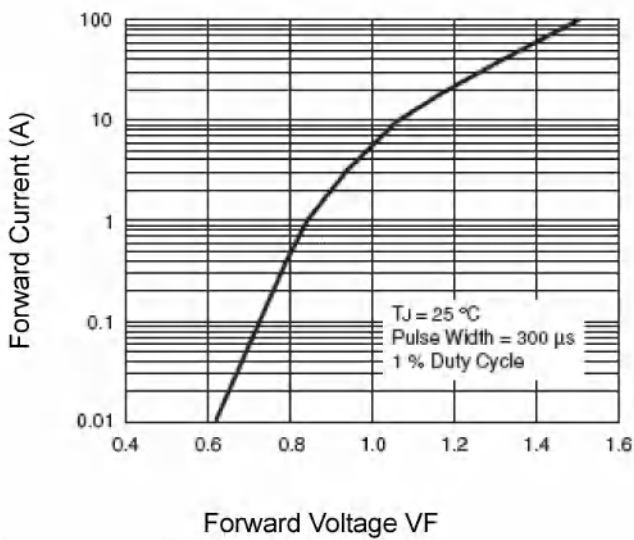


Fig.4 Peak Surge Forward Capability

