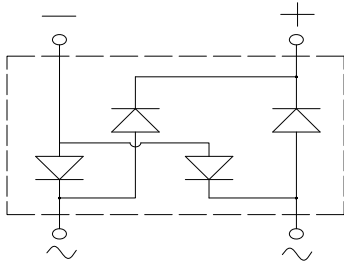


UL recognition, file #E313149
 Glass passivated chip junction
 Ideal for automated placement
 High surge current capability
 Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

General purpose use in AC/DC bridge full wave rectification for SMPS, lighting ballaster, adapter, battery charger, home appliances, office equipment, and telecommunication applications.



: YBS3

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen-free

: Tin plated leads, solderable per

J-STD-002 and JESD22-B102

As marked on body

($T_a=25$ Unless otherwise specified)

Device marking code			YBSM40005	YBSM4001	YBSM4002	YBSM4004	YBSM4006	YBSM4008	YBSM4010
Maximum Repetitive Peak Reverse Voltage	VRRM	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	VRMS	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage	VDC	V	50	100	200	400	600	800	1000
Average rectified output current @60Hz sine wave, R-load, $T_c=100$ Forward Surge Current *	IO	A	4.0						

z_t

forward voltage drop per diode

VF V

IFM=2.0A

Maximum DC reverse current at rated DC blocking voltage per diode	IR	μA	$T_j=25$	5
			$T_j=125$	100
Typical junction capacitance	Cj	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	37





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