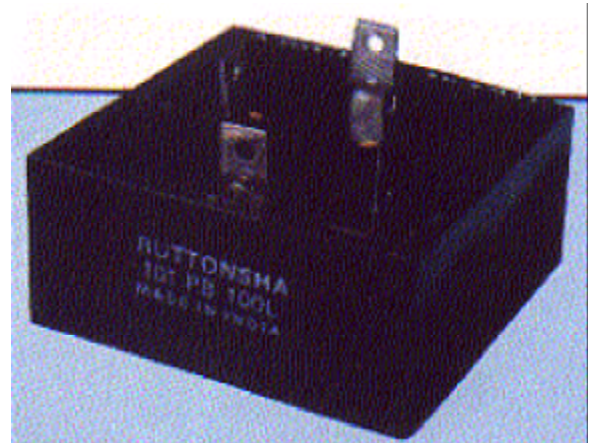




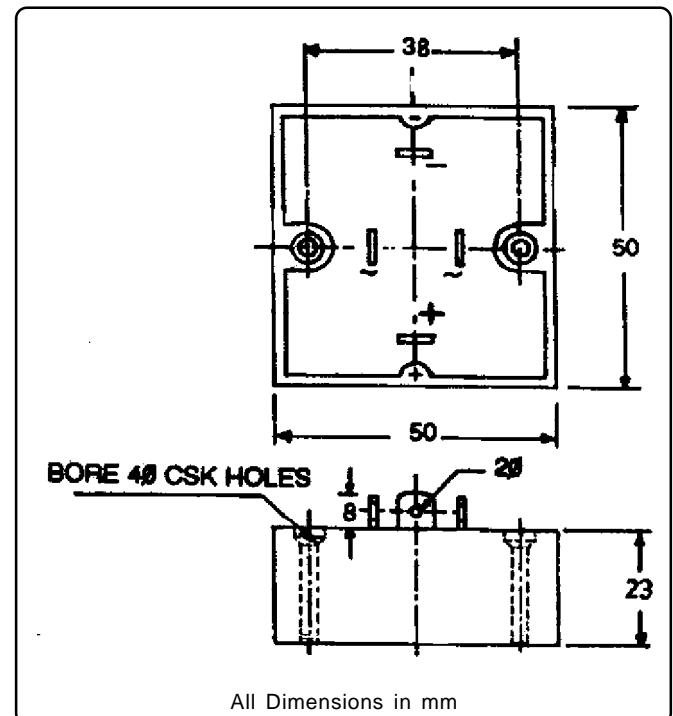
Type : 101 PB10L - 101 PB 120L

- ❖ Compact in size 5 x 5 x 2 cms.
- ❖ Tag terminal facility.
- ❖ High surge current capability 300 Amps.
- ❖ Full current 10 Amps. $T_c = 55^{\circ}\text{C}$.



$I_{O(AV)}$	Maximum average output current $T_c = 55^\circ C$; resistive, inductive load (R) capacitive load (C)	10 A
I_{FSM}	Maximum peak one cycle, non-repetitive forward current; 10ms	300 A
I^2t	Maximum I^2t for fuse selection; 10ms, 8.3ms	450 A ² s
V_F	Maximum Average forward voltage drop per diode @ $I_{O(AV)} = \text{rated cur}$	1.2 V
I_{RM}	Typical peak reverse current per diode at rated V_{RRM} $T_j = 150^\circ C$	2 mA

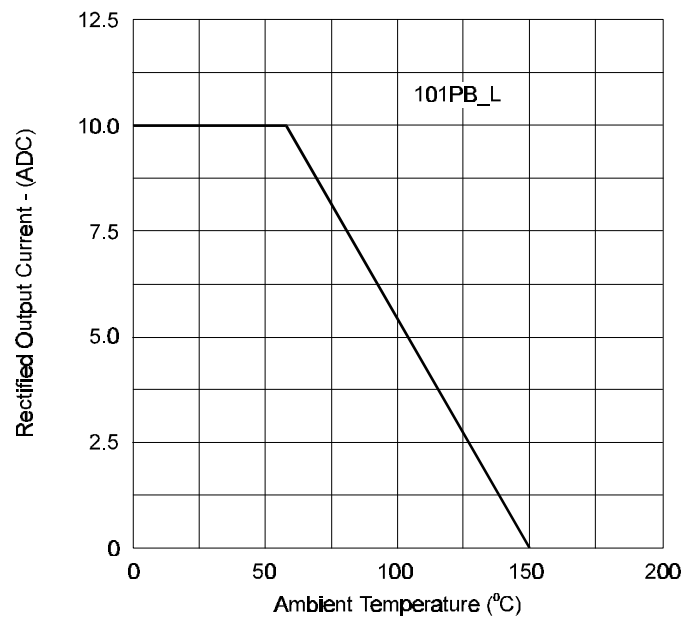
T	Operating and storage temperature range	-40 to +150°C
f	Operating frequency range	40 to 1000 Hz
W	Approximate weight	125 gms.
θj-a	Thermal resistance junction to ambient	6°C/w



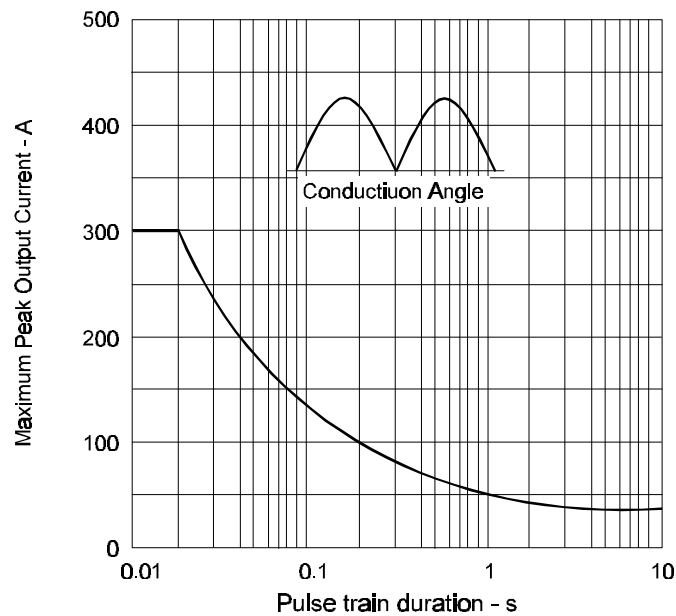
Type	Number		10L	20L	40L	60L	80L	100L	120L
V _{RRM}	Maximum repetitive peak reverse voltage	V	100	200	400	600	800	1000	1200
V _{RSM}	Maximim non-repetitive peak reverse voltage	V	150	300	500	700	900	1100	1300
V _{RMS}	Recommended AC supply voltage	V	40	80	160	240	320	400	480
I _{RM}	Maximum leakage Current At V _{RRM} per leg at 25°C	mA	2.5	2.5	2.0	1.0	1.0	1.0	1.0
HOLE STORAGE SUPPRESSION CONDENSER IN SERIES WITH 10 OHMS RESISTANCE 0.10 μfd									

SINGLE PHASE BRIDGE RECTIFIERS

Type : 101 PB10L - 101 PB 120L



**Fig. 1 - Maximum Output Current
(Resistive Inductive Load)
Natural Convection Cooling**



**Fig. 2 - Max. Non Repetitive Peak Surge Current
(Surge Current SuperImposed upon
Rated Operating Current)**