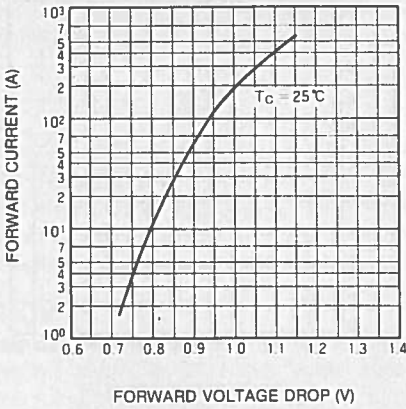
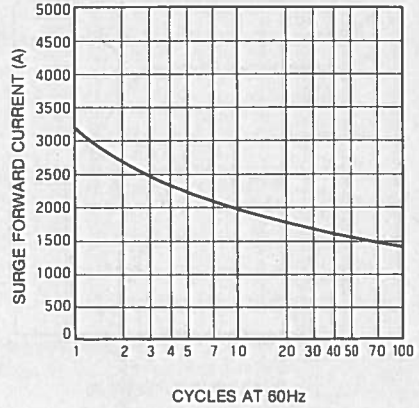


PERFORMANCE CURVES

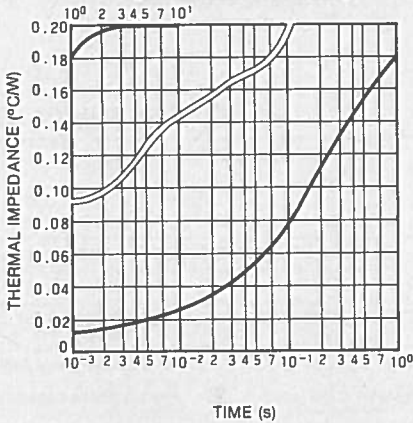
MAXIMUM FORWARD CHARACTERISTIC



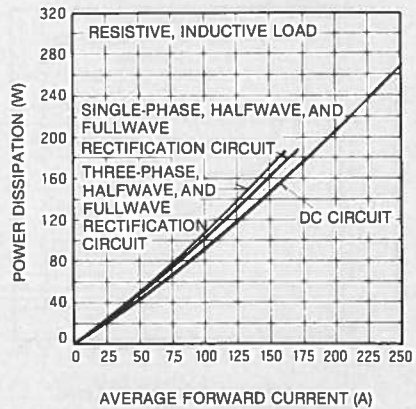
RATED SURGE FORWARD CURRENT



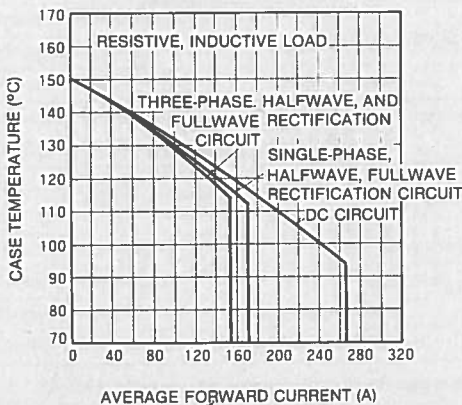
MAXIMUM THERMAL IMPEDANCE CHARACTERISTIC (JUNCTION TO CASE)



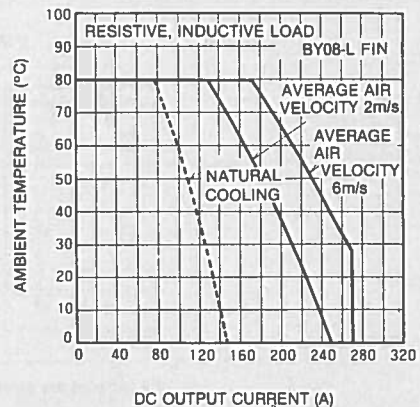
MAXIMUM POWER DISSIPATION CHARACTERISTICS



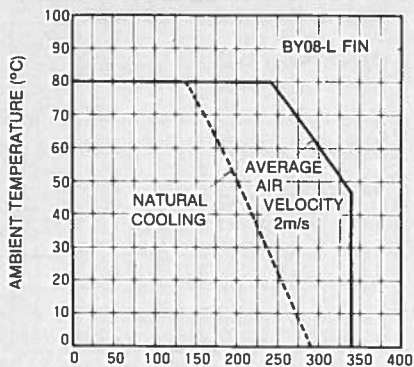
ALLOWABLE CASE TEMPERATURE VS. AVERAGE FORWARD CURRENT



ALLOWABLE AMBIENT TEMPERATURE VS. DC OUTPUT CURRENT (NATURAL COOLING AND AIR COOLING)

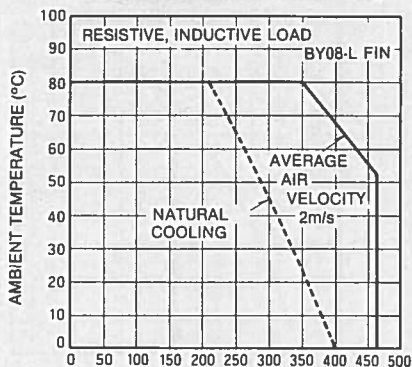


ALLOWABLE AMBIENT TEMPERATURE VS. DC OUTPUT CURRENT (SINGLE-PHASE, FULLWAVE, NATURAL COOLING AND AIR COOLING)



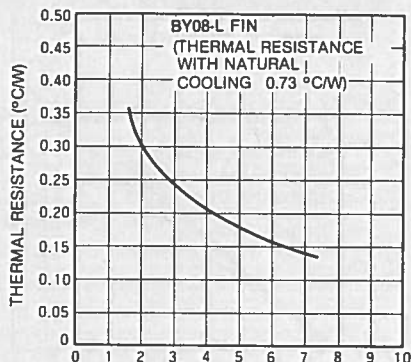
DC OUTPUT CURRENT (A)

ALLOWABLE AMBIENT TEMPERATURE VS. DC OUTPUT CURRENT (THREE-PHASE, HALFWAVE, AND FULLWAVE, NATURAL COOLING AND AIR COOLING)



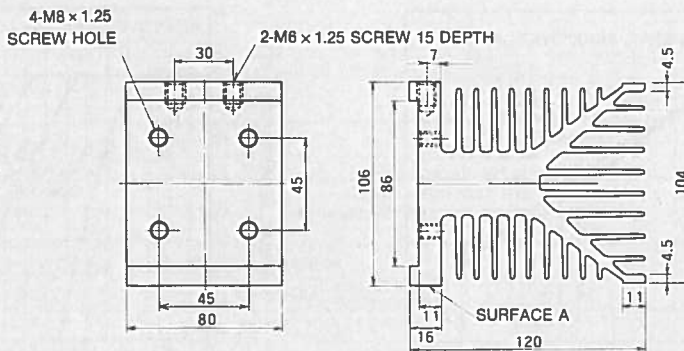
DC OUTPUT CURRENT (A)

THERMAL RESISTANCE VS. AVERAGE AIR VELOCITY (FIN TO AMBIENT, AIR COOLING)



AVERAGE AIR VELOCITY (m/s)

BY08-L FIN (Dimensions in mm)



All surfaces are painted black except the 80 x 106 mounting surface and surface A.