27.0 ELECTRICAL CHARACTERISTICS

Absolute Maximum Ratings (†)

- **Note 1:** Power dissipation is calculated as follows: Pdis = VDD x {IDD $-\Sigma$ IOH} + Σ {(VDD VOH) x IOH} + Σ (VOL x IOL)
 - 2: Voltage spikes below Vss at the MCLR/VPP pin, inducing currents greater than 80 mA, may cause latch-up. Thus, a series resistor of 50-100Ω should be used when applying a "low" level to the MCLR/VPP/RE3 pin, rather than pulling this pin directly to Vss.

40-Pin PDIP

