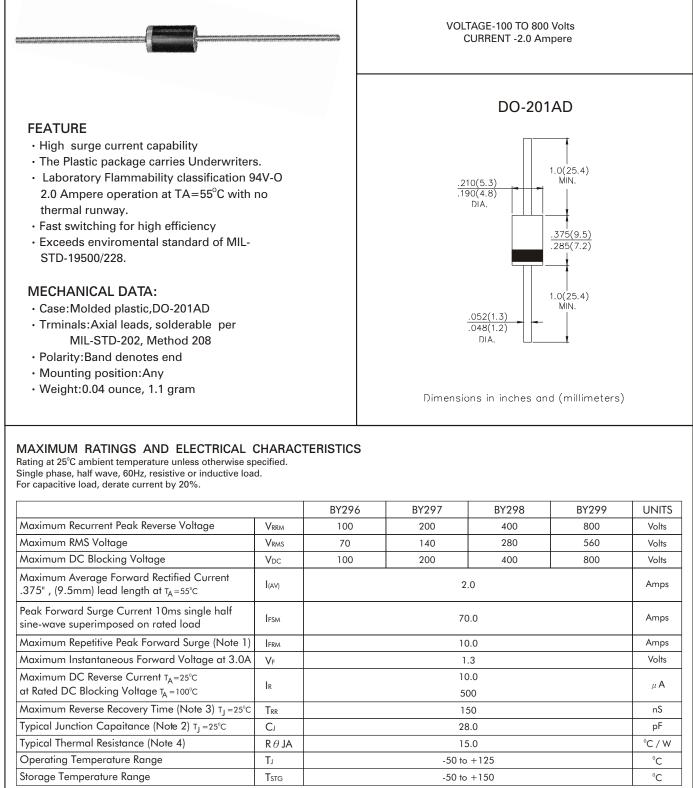
BY296 thru BY299

SOFT RECOVERY PLASTIC RECTIFIER





Notes : 1. Repetitive Peak Forward Surge Current at f<15KHz.

2. Measured at 1MHz and applied reverse voltage of 4.0 volts.

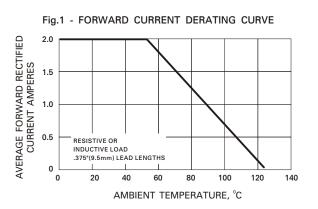
Reverse Recovery Test Conditions : IF=0.5A, IR=1.0A, Irr=0.25A.
Thermal Resistance from Junction to Ambient at .375" (9.5mm) lead lengths with both leads to heat sink.

BY296 thru BY299

SOFT RECOVERY PLASTIC RECTIFIER



RATING AND CHARACTERISTICS CURVES BY296 THRU BY299



FORWARD SURGE CURRENT

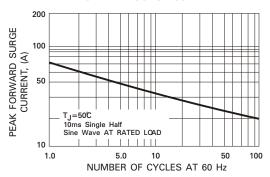


Fig.3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

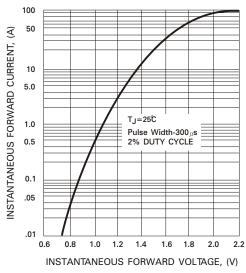


Fig.4- TYPICAL REVERSE CHARACTERISTICS

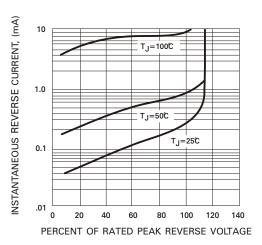


Fig.5 - TYPICAL JUNCTION CAPACITANCE

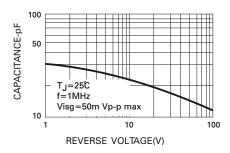


Fig.2 - MAXIMUM NON-REPETITIVE PEAK