

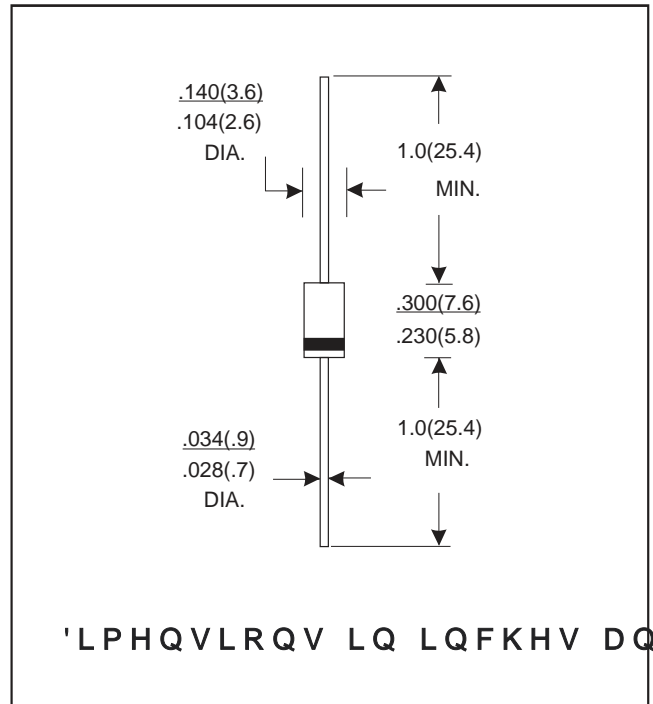
PLASTIC SILICON RECTIFIERS

FEATURES

- " The plastic package carries Underwrites Laboratory Flammability Classification 94V-0
- " High reliability
- "Low forward voltage drop
- "Low power loss, high efficiency
- " High forward surge current capability
- "High temperature soldering guaranteed: 260 C/10 seconds at terminals
- " Component in accordance to RoHs 2015/863 and WEEE 2012/19/EU

MECHANICAL DATA

- " Case style: DO-15 plastic molded
- "Terminals: Axial lead ,solderable per MIL- STD-202,Method 208
- " Polarity:Color band denotes cathode end
- " Mounting Position:Any



MAXIMUM RATINGS AND CHARACTERISTICS

@ 25°C Ambient Temperature (unless otherwise noted)

	HER 201	HER 202	HER 203	HER 204	HER 205	HER 206	HER 207	HER 208	UNITS	
Maximum recurrent peak reverse voltage	V_{RRM}	50	100	200	300	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	210	280	420	560	700	V
Maximum DC blocking voltage	V_{DC}	50	100	200	300	400	600	800	1000	V
Maximum Average Forward Rectified Current.375"(9.5mm) Lead Length at Ta=55	$I_{F(AV)}$					2.0				A
Peak Forward Surge Current, 8.3 ms single half sine-wave										

RATINGS AND CHARACTERISTIC CURVES

FIG.1: FORWARD CURRENT DERATING CURVE

$I_O(A)$

FIG.2: MAXIMUM NON-REPETITIVE SURGE CURRENT (T_W ≤ 10ms)

$I_{FSM}(A)$

T_L (°C)

Number of Cycles