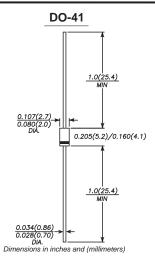
HER101 THRU HER108

HIGH EFFICIENCY RECTIFIERS

Reverse Voltage - 50 to 1000 Volts Forward Current - 1.0 Ampere



FEATURES

- The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- High speed switching for high efficiency
- Low reverse leakage
- High forward surge current capability
- High temperature soldering guaranteed: 260°C/10 seconds,0.375"(9.5mm) lead length, 5 lbs. (2.3kg) tension

MECHANICAL DATA

Case: JEDEC DO-41 molded plastic body

Terminals: Plated axial leads, solderable per MIL-STD-750,

Method 2026

Polarity: Color band denotes cathode end

Mounting Position: Any

Weight:0.012 ounce, 0.34 grams

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.

	SYMBOLS	HER 101	HER 102	HER 103	HER 104	HER 105	HER 106	HER 107	HER 108	UNITS
Maximum repetitive peak reverse voltage	VRRM	50	100	200	300	400	600	800	1000	V
Maximum RMS voltage	VRMS	35	70	140	210	280	420	560	700	V
Maximum DC blocking voltage	VDC	50	100	200	300	400	600	800	1000	V
Maximum average forward rectified current	l(AV)	1.0							Α	
0.375"(9.5mm) lead length at TA=50°C										
Peak forward surge current		Ігям 30.0								
8.3ms single half sine-wave superimposed on	IFSM							Α		
rated load (JEDEC Method)										
Maximum instantaneous forward voltage at 1.0A	VF	1.0		1.3		1.70			V	
Maximum DC reverse current Ta=25°C			5.0						^	
at rated DC blocking voltage Ta=100℃	lR	100.0							μΑ	
Maximum reverse recovery time (NOTE 1)	trr	50			75		ns			
Typical junction capacitance (NOTE 2)	Сл	15.0			12.0		pF			
Typical thermal resistance (NOTE 3)	Reja	50.0						°C/W		
Operating junction and storage temperature range	ТЈ,Тѕтс	-55 to +150							°C	

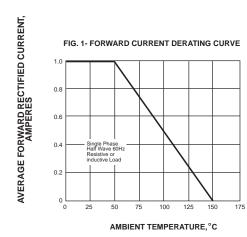
Note: 1. Reverse recovery condition IF=0.5A, IR=1.0A, Irr=0.25A

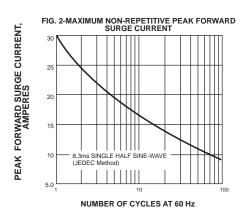
2.Measured at 1MHz and applied reverse voltage of 4.0V D.C.

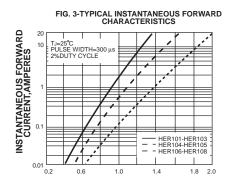
3.Thermal resistance from junction to ambient at 0.375" (9.5mm)lead length, P.C.B. mounted

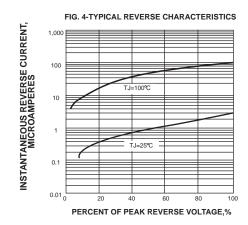


RATINGS AND CHARACTERISTIC CURVES HER101 THRU HER108

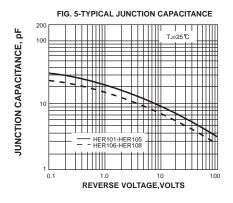


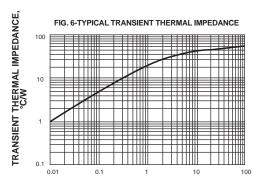












t,PULSE DURATION,sec.



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Rectifiers category:

Click to view products by Starsea manufacturer:

Other Similar products are found below:

70HFR40 FR105 R0 RL252-TP DLA11C-TR-E DSA17G 150KR30A 1N5397 1N4002G 1N4005-TR UFS120Je3/TR13 JANS1N6640US
481235F RRE02VS6SGTR 067907F MS306 70HF40 T110HF60 T85HFL60S02 US2JFL-TP A1N5404G-G CRS04(T5L,TEMQ)

CRS12(T5L,TEMQ) ACGRB207-HF CLH07(TE16L,Q) CLH03(TE16L,Q) ACGRC307-HF ACEFC304-HF NTE6356 NTE6359 85HFR60
40HFR60 70HF120 85HFR80 D126A45C SCF7500 D251N08B SCHJ22.5K SM100 SCPA2 SDHD5K VS-12FL100S10 ACGRA4001-HF ACURA107-HF D1821SH45T PR D1251S45T NTE6358 NTE5850 NTE5819 NTE5837 NTE5892