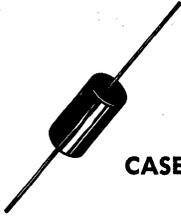


## HIGH VOLTAGE SILICON RECTIFIERS MOLDED ASSEMBLIES

**1N1730 thru 1N1734**  
**1N2382 thru 1N2385**



**CASE 41**

Standard single - phase, half-wave, high - voltage silicon rectifier assemblies.

**MAXIMUM RATINGS** (covering all devices in the table below)

Max. DC Reverse Current @ Rated Peak Reverse Voltage	25°C	10 $\mu$ A
	100°C	100 $\mu$ A
Max. Surge Current (8 ms)		2.5 A
Operating Temperature		-55°C to +150°C

### ELECTRICAL CHARACTERISTICS

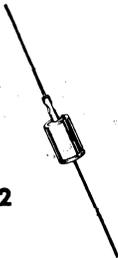
Rectifier Types	V <sub>RM</sub> (rep)	Avg. Rectified Fwd. Current - mA		Max. RMS Input Voltage	Max. DC Fwd. Voltage @ 100mA @ 25°C	Case Dimensions		Lead Dimensions	
		@ 25°C	@ 100°C			L	Dia.	L	Dia.
1N1730	1000	200	100	700	5	.5	.375	1.250	.030
1N1731	1500	200	100	1050	5	.5	.375	1.250	.030
1N1732	2000	200	100	1400	9	1.0	.375	1.250	.030
1N1733	3000	150	75	2100	12	1.0	.375	1.250	.030
1N1734	5000	100	50	3500	18	1.0	.5	1.250	.030
1N2382	4000	150	75	2800	18	1.5	.5	1.250	.030
1N2383	6000	100	50	4200	27	1.5	.5	1.250	.030
1N2384	8000	70	35	5600	27	1.5	.5	1.250	.030
1N2385	10000	70	35	7000	39	2.0	.5	1.250	.030

**1N1735 thru 1N1742** (REFERENCE DIODES)

**1N1736A thru 1N1742A**

For Specifications, See 1N429 Data.

**1N1765 thru 1N1802** (ZENER DIODES)



**CASE 52**  
(DO-13)

Recommended for applications requiring an exact replacement only. For new designs and for industry preferred replacement devices, see 1N4728 series.