

# STANDARD RECOVERY RECTIFIERS

## STUD BASE (DO-4 & DO-5)

### I<sub>O</sub> RATING TO 60 AMPS

#### FEATURES:

- Hermetic Seal
- High Temperature Operation
- Metallurgically Bonded

#### DESCRIPTION

This is a series of general purpose rectifiers with average forward current ratings up to 60 Amps. They are for general purpose use in power supply and other rectification applications.

#### ABSOLUTE MAXIMUM RATINGS:

- Storage and Operating Temp. -65°C to 175°C

#### MAXIMUM RATINGS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
								nS	RATIO	
1N253	100	1.5	135	1.0	1.0@135°C	10	135	N/A		20
1N254	200	1.5	135	1.0	1.0@135°C	10	135	N/A		20
1N255	400	1.5	135	1.0	1.0@135°C	10	135	N/A		20
1N256	600	2.0	135	1.0	1.0@135°C	10	135	N/A		20
1N332	400	2.0	25	1.0	.4@150°C	200	150	N/A		20
1N333	400	2.0	25	1.2	.2@150°C	200	150	N/A		20
1N334	300	2.0	25	1.2	.4@150°C	200	150	N/A		20
1N335	300	2.0	25	.400	.2@150°C	200	150	N/A		20
1N336	200	2.0	25	.800	.4@150°C	100	150	N/A		20
1N337	200	2.0	25	.400	.2@150°C	100	150	N/A		20
1N338	100	2.0	25	1.0	1.@150°C	200	150	N/A		20
1N339	100	2.0	25	1.0	1.@150°C	500	150	N/A		20
1N340	100	2.0	25	.4	.2@150°C	100	150	N/A		20
1N341	400	2.0	25	.8	.4@150°C	500	150	N/A		20
1N342	400	2.0	25	.4	.2@150°C	500	150	N/A		20
1N343	300	2.0	25	.8	.4@150°C	500	150	N/A		20
1N344	300	2.0	25	.4	.2@150°C	500	150	N/A		20
1N345	200	2.0	25	.800	.4@150°C	500	150	N/A		20
1N346	200	2.0	25	.400	.2@150°C	500	150	N/A		20
1N347	100	2.0	25	1.0	1.@150°C	500	150	N/A		20
1N348	100	2.0	25	.800	.4@150°C	500	150	N/A		20
1N349	100	2.0	25	.400	.2@150°C	100	150	N/A		20
1N550	100	1.5	25	.500	.5@100°C	1.0	25	N/A		20
1N551	200	1.5	25	.500	.5@100°C	1.0	25	N/A		20
1N552	300	1.5	25	.500	.5@100°C	1.5	25	N/A		20
1N553	400	1.5	25	.500	.5@100°C	2.5	25	N/A		20
1N554	500	1.5	25	.500	.5@100°C	3.5	25	N/A		20
1N555	600	1.5	25	.500	.5@100°C	5.0	25	N/A		20
1N562	800	1.8	25	.400	.4@100°C	380	125	N/A		20
1N563	1000	1.8	25	.400	.4@100°C	20	25	N/A		20
1N607	50	1.5	25	.200	.8@100°C	2.5	25	N/A		20
1N607A	50	1.5	25	.400	.8@100°C	1.0	25	N/A		20
1N608	100	1.5	25	.200	.8@100°C	25	25	N/A		20
1N608A	100	1.5	25	.40	.8@100°C	1.0	25	N/A		20
1N609	100	1.5	25	.200	.8@100°C	25	25	N/A		20
1N609A	150	1.5	25	.400	.8@100°C	1.0	25	N/A		20
1N610	200	1.5	25	.200	.8@100°C	25	25	N/A		20
1N610A	200	1.5	25	.400	.8@100°C	1.0	25	N/A		20
1N611	300	1.5	25	.200	.8@100°C	25	25	N/A		20
1N611A	300	1.5	25	.400	.8@100°C	1.0	25	N/A		20
1N612	400	1.5	25	.200	.8@100°C	25	25	N/A		20
1N612A	400	1.5	25	.400	.8@100°C	1.5	25	N/A		20
1N613	500	1.5	25	.200	.8@100°C	25	25	N/A		20
1N613A	500	1.5	25	.400	.8@100°C	2.0	25	N/A		20
1N614	600	1.5	25	.200	.8@100°C	25	25	N/A		20
1N614A	600	1.5	25	.400	.8@100°C	2.5	25	N/A		20

# STANDARD RECOVERY RECTIFIERS

## STUD BASE (DO-4)

### I<sub>O</sub> RATING TO 16 AMPS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	TEMP °C	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
									nS	RATIO	
1N1115	100	.65A	150	1.5	1.5	85	45	250	N/A		20
1N1116	200	.65A	150	1.5	1.5	85	35	250	N/A		20
1N1117	300	.65A	150	1.5	1.5	85	35	250	N/A		20
1N1118	400	.65A	150	1.5	1.5	85	35	250	N/A		20
1N1119	500	.65A	150	1.5	1.5	85	35	250	N/A		20
1N1120	600	.65A	150	1.5	1.5	85	5	25	N/A		20
1N1124	200	1.1	25	1.0	3	50	10	25	N/A		25
* 1N1124A	200	1.1	25	1.0	3.3	50	10	25	N/A		25
1N1125	300	1.1	25	1.0	3.0	50	10	25	N/A		25
1N1125A	300	1.1	25	1.0	3.3	50	10	25	N/A		25
1N1126	400	1.1	25	1.0	3.0	50	10	25	N/A		25
* 1N1126A	400	1.1	25	1.0	3.3	50	10	25	N/A		25
1N1127	500	1.1	25	1.0	3.0	50	10	25	N/A		25
1N1127A	500	1.1	25	1.0	3.3	50	10	25	N/A		25
1N1128	600	1.1	25	1.0	3.0	50	10	25	N/A		25
* 1N1128A	600	1.1	25	1.0	3.3	50	10	25	N/A		25
1N1130	1500	1.1	25	1.0	3.3	50	10	25	N/A		25
1N1131	1500	1.1	25	1.0	3.3	50	10	25	N/A		25
1N1227	50	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1227A	50	1.5	25	2.5	1.6	135	50	25	N/A		20
1N1227B	50	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1228	100	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1228A	100	1.5	25	2.5	1.6	140	50	25	N/A		20
1N1228B	10	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1229	150	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1229A	150	1.5	25	2.5	1.6	140	50	25	N/A		20
1N1229B	150	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1230	200	1.5	25	2.5	1.6	135	500	25	N/A		30
1N1230A	200	1.5	25	2.5	1.6	140	50	25	N/A		30
1N1230B	200	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1231	300	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1231A	300	1.5	25	2.5	1.6	140	50	25	N/A		20
1N1231B	300	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1232	400	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1232A	400	1.5	25	2.5	1.6	140	50	25	N/A		20
1N1232B	400	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1233	500	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1233A	500	1.5	25	2.5	1.6	140	50	25	N/A		20
1N1233B	500	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1234	600	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1234A	600	1.5	25	2.5	1.6	140	50	25	N/A		20
1N1234B	600	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1235	700	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1235A	700	1.2	25	1.0	1.6	50	50	25	N/A		30
1N1235B	700	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1236	800	1.5	25	2.5	1.6	135	500	25	N/A		20
1N1236A	800	1.2	25	1.0	1.6	50	50	25	N/A		30
1N1236B	800	1.2	25	1.0	1.6	50	10	25	N/A		30
1N1341A	50	1.4	25	6A. AV.	6.0	150	3000 AV.	150	N/A		150
1N1341B	50	1.1	25	6.0	6.0	150	20	25	N/A		150
1N1342A	100	1.4	25	6A AV.	6.0	150	2900 AV.	150	N/A		150
1N1342B	100	1.1	25	6.0	6.0	150	20	25	N/A		150
1N1343A	150	1.4	25	6A AV.	6.0	150	2250 AV.	150	N/A		150
1N1343B	150	1.1	25	6.0	6.0	150	20	25	N/A		150
1N1344A	200	1.4	25	6A AV.	6.0	150	2000 AV.	150	N/A		150
1N1344B	200	1.1	25	6.0	6.0	150	20	25	N/A		150
1N1345A	300	1.4	25	6A AV.	6.0	150	1750 AV.	150	N/A		150
1N1345B	300	1.1	25	6.0	6.0	150	20	25	N/A		150
1N1346A	400	1.4	25	6A AV.	6.0	150	1500 AV.	150	N/A		150
1N1346B	400	1.1	25	6.0	6.0	150	20	25	N/A		150
1N1347A	500	1.4	25	6A AV.	6.0	150	1250 AV.	150	N/A		150
1N1347B	500	1.1	25	6.0	6.0	150	20	25	N/A		150
1N1348A	600	1.4	25	6A AV.	6.0	150	1000 AV.	150	N/A		150
1N1348B	600	1.1	25	6.0	6.0	150	20	25	N/A		150

\* - Available as JAN to MIL-S-19500/104C

# STANDARD RECOVERY RECTIFIERS

## STUD BASE (DO-4)

### I<sub>O</sub> RATING TO 16 AMPS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	TEMP °C	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
									nS	RATIO	
1N1537	50	1.5	25	2.5	1.6	140	50	25	N/A	30	
1N1539	150	1.5	25	2.5	1.6	140	50	25	N/A	30	
1N1540	200	1.5	25	2.5	1.6	140	50	25	N/A	30	
1N1541	300	1.5	25	2.5	1.6	140	50	25	N/A	30	
1N1542	400	1.5	25	2.5	1.6	140	50	25	N/A	30	
1N1543	500	1.5	25	2.5	1.6	140	50	25	N/A	30	
1N1544	600	1.5	25	2.5	1.6	140	50	25	N/A	30	
1N1551	100	1.4	25	1.0	1.0	100	1000	100	N/A	30	
1N1552	200	1.4	25	1.0	1.0	100	1000	100	N/A	30	
1N1553	300	1.4	25	1.0	1.0	100	1000	100	N/A	30	
1N1554	400	1.4	25	1.0	1.0	100	1000	100	N/A	30	
1N1555	500	1.4	25	1.0	1.0	100	1000	100	N/A	30	
1N1581	50	1.5	25	6.0	3.0	160	500 AV*	150	N/A	40	
1N1582	100	1.5	25	6.0	3.0	160	500 AV*	150	N/A	40	
1N1583	200	1.5	25	6.0	3.0	160	500 AV*	150	N/A	40	
1N1584	300	1.5	25	6.0	3.0	160	500 AV*	150	N/A	40	
1N1586	500	1.5	25	6.0	3.0	160	500 AV*	150	N/A	40	
1N1587	600	1.5	25	6.0	3.0	160	500 AV*	150	N/A	40	
1N1612	50	1.5	25	15.0	5.0	150	50	25	N/A	100	
1N1612A	50	1.1	25	15.0	5.0	150	500	150	N/A	100	
1N1613	100	1.5	25	15.0	5.0	150	50	25	N/A	100	
1N1613A	100	1.1	25	15.0	5.0	150	500	150	N/A	100	
†1N1614	200	1.5	25	15.0	5.0	150	50	25	N/A	100	
1N1614A	200	1.1	25	15.0	5.0	150	500	150	N/A	100	
†1N1615	400	1.5	25	15.0	5.0	150	50	25	N/A	100	
1N1615A	400	1.1	25	15.0	5.0	150	500	150	N/A	100	
†1N1616	600	1.5	25	15.0	5.0	150	50	25	N/A	100	
1N1616A	600	1.1	25	15.0	5.0	150	500	150	N/A	150	
1N2026	50	2.0	25	2.0	1.0	150	500	1.50	N/A	25	
1N2027	200	2.0	25	2.0	1.0	150	500	150	N/A	25	
1N2028	300	2.0	25	2.0	1.0	150	500	150	N/A	25	
1N2029	400	2.0	25	2.0	1.0	150	500	150	N/A	25	
1N2030	500	2.0	25	2.0	1.0	150	500	150	N/A	25	
1N2031	600	2.0	25	2.0	1.0	150	500	150	N/A	25	
1N2216	50	.6	25	1.5	1.5	25	500	150	N/A	20	
1N2218	500	.6	25	1.5	1.5	25	500	150	N/A	20	
1N2220	600	.6	25	1.5	1.5	25	500	150	N/A	20	
1N2222	800	.6	25	1.5	1.0	25	750	150	N/A	20	
1N2222A	800	.6	25	1.0	1.0	25	350	150	N/A	20	
1N2224	1000	.6	25	1.5	1.0	25	750	150	N/A	20	
1N2224A	1000	.6	25	1.0	1.0	25	350	150	N/A	20	
1N2226	1200	.6	25	1.5	1.0	25	750	150	N/A	20	
1N2226A	1200	.6	25	1.0	1.0	25	350	150	N/A	20	
1N2228	50	.6	25	1.5	5.0	25	500	150	N/A	20	
1N2228A	50	.6	25	5.0	5.0	25	350	150	N/A	100	
1N2230	200	.6	25	1.5	5.0	25	500	150	N/A	20	
1N2230A	200	.6	25	5.0	5.0	25	350	150	N/A	100	
1N2232	300	.6	25	1.5	5.0	25	500	150	N/A	20	
1N2232A	300	.6	25	5.0	5.0	25	350	150	N/A	100	
1N2234	400	.6	25	1.5	5.0	25	500	150	N/A	20	
1N2234A	400	.6	25	5.0	5.0	25	350	150	N/A	100	
1N2236	500	.6	25	1.5	5.0	25	500	150	N/A	20	
1N2236A	500	.6	25	5.0	5.0	25	350	150	N/A	100	
1N2238	600	.6	25	1.5	5	25	500	150	N/A	20	
1N2238A	600	.6	25	5.0	5	25	350	150	N/A	100	
1N2240	800	.6	25	1.5	5	25	750	150	N/A	20	
1N2240A	800	.6	25	5.0	5	25	350	150	N/A	100	
1N2242	1000	.6	25	1.5	5	25	750	150	N/A	20	
1N2242A	1000	.6	25	5.0	5	25	350	150	N/A	100	
1N2244	1200	.6	25	1.5	5	25	750	150	N/A	20	
1N2244A	1200	.6	25	5.0	5.0	25	350	150	N/A	100	
1N2266	50	.6	25	1.0	1.0	25	350	150	N/A	20	
1N2268	500	.6	25	1.0	1.0	25	350	150	N/A	20	
1N2270	600	.6	25	1.0	1.0	25	350	150	N/A	20	
1N2362	1400	2.0	25	1.5	1.0	25	1	25	N/A	15	

† - Available as JAN to MIL-S-19500/162B

\* - with I<sub>O</sub>

# STANDARD RECOVERY RECTIFIERS

## STUD BASE (DO-4)

### I<sub>O</sub> RATING TO 16 AMPS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	TEMP °C	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
									nS	RATIO	
1N2362A	1400	2.0	25	8.0	5.0	25	10	25	N/A	20	
1N2364	1500	2.0	25	1.5	1.0	25	1	25	N/A	15	
1N2364A	1500	2.0	25	8.0	5.0	25	1	25	N/A	20	
1N2366	1600	2.0	25	1.5	1.0	25	1	25	N/A	15	
1N2366A	1600	2.0	25	8.0	5.0	25	1	25	N/A	20	
1N2368	1800	2.0	25	1.5	1.0	25	1.0	25	N/A	15	
1N2368A	1800	2.0	25	8.0	5.0	25	1.0	25	N/A	20	
1N2370	2000	2.0	25	1.5	1.0	25	1.0	25	N/A	15	
1N2370A	2000	2.0	25	8.0	5.0	25	1.0	25	N/A	20	
1N2372	1000	2.0	150	.30	.20	150	500	150	N/A	10	
1N2491	50	1.1	25	6.0	6.0	150	2000 AV*	150	N/A	150	
1N2492	100	1.1	25	6.0	6.0	150	2000 AV*	150	N/A	150	
1N2493	200	1.1	25	6.0	6.0	150	2000 AV*	150	N/A	150	
1N2494	300	1.1	25	6.0	6.0	150	2000 AV*	150	N/A	150	
1N2495	400	1.1	25	6.0	6.0	150	2000 AV*	150	N/A	150	
1N2496	500	1.1	25	6.0	6.0	150	2000 AV*	150	N/A	150	
1N2497	600	1.1	25	6.0	6.0	150	2000 AV*	150	N/A	150	
1N2512	100	1.1	25	1.5	4.0	30	2.0	25	N/A	30	
1N2513	200	1.1	25	1.5	4.0	30	2.0	25	N/A	30	
1N2514	300	1.1	25	1.5	4.0	30	2.0	25	N/A	30	
1N2515	400	1.1	25	1.5	4.0	30	2.0	25	N/A	30	
1N2516	500	1.1	25	1.5	4.0	30	2.0	25	N/A	30	
1N2517	600	1.1	25	1.5	4.0	30	2.0	25	N/A	30	
1N3565	6	2.0	25	2.0	2.0	25	25	25	N/A	6	
1N3569	100	1.3	85	3.5	3.5	85	400	150	N/A	35	
1N3570	200	1.3	85	3.5	3.5	85	400	150	N/A	35	
1N3571	300	1.3	85	3.5	3.5	85	400	150	N/A	35	
1N3572	400	1.3	85	3.5	3.5	85	400	150	N/A	35	
1N3573	500	1.3	85	3.5	3.5	85	400	150	N/A	35	
1N3574	600	1.3	85	3.5	3.5	85	400	150	N/A	35	
* 1N3649	800	1.3	85	3.5	3.5	85	400	150	N/A	35	
* 1N3650	1000	1.3	85	3.5	3.5	85	400	150	N/A	35	
1N3775	1500	1.5	25	2.0	3.3	50	500	25	N/A	15	
1N3919	1000	2.0	100	5.0	5.0	100	500	100	N/A	100	
1N3920	1500	2.0	100	5.0	5.0	100	500	100	N/A	100	
1N3921	2000	2.0	100	5.0	5.0	100	500	100	N/A	100	
1N3922	2500	2.0	100	5.0	5.0	100	500	100	N/A	100	
1N3923	3000	2.0	100	5.0	5.0	100	500	100	N/A	100	
† 1N4458	800	1.5	150	15.0	5.0	150	500 AV*	150	N/A	100	
† 1N4459	1000	1.5	150	15.0	5.0	150	500 AV*	150	N/A	100	
1N4537	1500	1.85	100	3.0	3.0	100	2000	175	N/A	15-25	
1N4538	2000	1.85	100	3.0	3.0	100	2000	175	N/A	15-25	
1N4539	2500	1.85	100	3.0	3.0	100	2000	175	N/A	15-25	
1N4540	3000	1.85	100	3.0	3.0	100	2000	175	N/A	15-25	
1N1199	50	1.4	25	20	12	150	10	25	N/A	100	
1N1199A	50	1.3	25	12	12	150	3000	150	N/A	240	
1N1199B	50	1.1	25	12	12	150	1000	150	N/A	250	
1N1200	100	1.4	25	20	12	150	10	25	N/A	100	
1N1200A	100	1.3	25	12	12	150	3000	150	N/A	240	
1N1200B	100	1.1	25	12	12	150	1000	150	N/A	250	
1N1201	150	1.4	25	20	12	150	10	25	N/A	100	
1N1201A	150	1.3	25	12	12	150	3000	150	N/A	240	
1N1201B	150	1.1	25	12	12	150	1000	150	N/A	250	
1N1202	200	1.4	25	20	12	150	10	25	N/A	100	
** 1N1202A	200	1.3	25	12	12	150	1000	150	N/A	250	
1N1202B	200	1.1	25	12	12	150	1000	150	N/A	250	
1N1203	300	1.4	25	20	12	150	10	25	N/A	100	
1N1203A	300	1.3	25	12	12	150	3000	150	N/A	240	
1N1203B	300	1.1	25	12	12	150	1000	150	N/A	250	
1N1204	400	1.4	25	20	12	150	10	25	N/A	100	
** 1N1204A	400	1.3	25	12	12	150	3000	150	N/A	240	
1N1204B	400	1.1	25	12	12	150	1000	150	N/A	250	
1N1205	500	1.4	25	20	12	150	10	25	N/A	100	
1N1205A	500	1.3	25	12	12	150	3000	150	N/A	240	
1N1205B	500	1.1	25	12	12	150	1000	150	N/A	250	

\* - Available as JAN to MIL-S-19500/104C

\* - AV & I<sub>O</sub>

\*\* - Available as JAN to MIL-S-19500/260

† - Available as JAN to MIL-S-19500/162B

# STANDARD RECOVERY RECTIFIERS

## STUD BASE (DO-4)

### I<sub>O</sub> RATING TO 16 AMPS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	TEMP °C	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
									nS	RATIO	
1N1206	600	1.4	25	20	12	150	10	25	N/A		100
* 1N1206A	600	1.3	25	12	12	150	3000	150	N/A		240
1N1206B	600	1.1	25	12	12	150	1000	150	N/A		250
1N2246A	50	.6	25	10.0	10	25	500	150	N/A		200
1N2248A	100	.6	25	10.0	10	25	500	150	N/A		200
1N2250A	200	.6	25	10.0	10	25	500	150	N/A		200
1N2252A	300	.6	25	10.0	10	25	500	150	N/A		200
1N2254A	400	.6	25	10.0	10	25	500	150	N/A		200
1N2256A	500	.6	25	10.0	10	25	500	150	N/A		200
1N2258A	600	.6	25	10.0	10	25	500	150	N/A		200
1N2260A	800	.6	25	10.0	10	25	500	150	N/A		200
1N2262A	1000	.6	25	10.0	10	25	500	150	N/A		200
1N2264A	1200	.6	25	10.0	10	25	500	150	N/A		200
1N2362B	1400	2	25	15.0	10	25	1.0	25	N/A		25
1N2364B	1500	2	25	15.0	10	25	1.0	25	N/A		25
1N2366B	1600	2	25	15.0	10	25	1.0	25	N/A		25
1N2368B	1800	2	25	15.0	10	25	1.0	25	N/A		25
1N2370B	2000	2	25	15.0	10	25	1.0	25	N/A		25
1N3615	50	1.2	25	50	16	150	3000	150	N/A		300
1N3618	100	1.2	25	50	16	150	2500	150	N/A		300
1N3617	150	1.2	25	50	16	150	2200	150	N/A		300
1N3618	200	1.2	25	50	16	150	2000	150	N/A		300
1N3619	300	1.2	25	50	16	150	1700	150	N/A		300
1N3620	400	1.2	25	50	16	150	1500	150	N/A		300
1N3621	500	1.2	25	50	16	150	1200	150	N/A		300
1N3622	600	1.2	25	50	16	150	1000	150	N/A		300
1N3623	800	1.2	25	50	16	150	750	150	N/A		300
1N3624	1000	1.2	25	50	16	150	600	150	N/A		300
1N3670	700	2.05	25	38	12	100	3000 AV.	150	N/A		200
1N3670A	700	1.35	25	38	12	100	900 AV.	150	N/A		240
1N3671	800	2.05	25	38	12	100	2000 AV.	150	N/A		200
* 1N3671A	800	1.35	25	38	12	100	800 AV.	150	N/A		240
1N3672	900	2.05	25	38	12	100	2000 AV.	150	N/A		200
1N3672A	900	1.35	25	38	12	100	700 AV.	150	N/A		240
1N3673	1000	2.05	25	38	12	100	1000 AV.	150	N/A		200
* 1N3673A	1000	1.35	25	38	12	100	1000 AV.	150	N/A		200
1N3924	1000	2.0	100	31	10	100	500	100	N/A		100
1N3925	1500	2.0	100	31	10	100	500	100	N/A		100
1N3926	2000	2.0	100	31	10	100	500	100	N/A		100
1N3927	2500	2.0	100	31	10	100	500	100	N/A		100
1N3928	3000	2.0	100	31	10	100	500	100	N/A		100
1N4012	700	1.3	150	12	12	150	500	150	N/A		250
1N4013	800	1.3	150	12	12	150	500	150	N/A		250
1N4014	900	1.3	150	12	12	150	500	150	N/A		250
1N4015	1000	1.3	150	12	12	150	500	150	N/A		250
1N5331	1200	1.35	150	12	12	150	500	150	N/A		240
** 1N2153	800	1.5	25	6.0	3.2	25	750	150	N/A		150

\* Available as JAN, JTX, JTXV to MIL-S-19500/260

\*\* Available as JAN To MIL-S-19500/91 (SIG-C) (DO-10 Package)

# STUD BASE RECTIFIERS (DO-5 CASE)

## I<sub>O</sub> RATINGS TO 60.0 AMPS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	TEMP °C	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
									nS	RATIO	
1N248B	50	1.5	25	25	10	150	5000	150	N/A	250	
1N249B	100	1.5	25	50	20	150	2000	150	N/A	250	
1N250B	200	1.5	25	50	37	120	2000	150	N/A	250	
1N1183	50	1.7	140	110	35	140	10000	140	N/A	500	
1N1183A	50	1.1	150	100	40	150	5000	150	N/A	800	
* 1N1184	100	1.7	140	110	35	140	10000	140	N/A	500	
1N1184A	100	1.1	150	100	40	150	5000	150	N/A	800	
1N1185	150	1.7	140	110	35	140	10000	140	N/A	500	
1N1185A	150	1.1	150	100	40	150	5000	150	N/A	800	
* 1N1186	200	1.7	140	110	35	140	10000	140	N/A	500	
1N1186A	200	1.1	150	100	40	150	5000	150	N/A	800	
1N1187	300	1.7	140	110	35	140	10000	140	N/A	500	
1N1187A	300	1.1	150	100	40	150	5000	150	N/A	800	
* 1N1188	400	1.7	140	110	35	140	10000	140	N/A	500	
1N1188A	400	1.1	150	100	40	150	5000	150	N/A	800	
1N1189	500	1.7	140	110	35	140	10000	140	N/A	500	
1N1189A	500	1.1	150	100	40	150	5000	150	N/A	800	
* 1N1190	600	1.7	140	110	35	140	10000	140	N/A	500	
1N1190A	600	1.1	150	100	40	150	5000	150	N/A	800	
1N1191	50	1.4	25	30	18	150	10	25	N/A	125	
1N1191A	50	1.2	150	60	22	150	10	25	N/A	500	
1N1192	100	1.4	25	30	25	145	10	25	N/A	125	
1N1192A	100	1.2	150	60	22	150	5000	150	N/A	500	
1N1193	150	1.4	25	30	25	145	10	25	N/A	125	
1N1193A	150	1.2	150	60	22	150	5000	150	N/A	500	
1N1194	200	1.4	25	30	25	145	10	25	N/A	125	
1N1194A	200	1.2	150	60	22	150	5000	150	N/A	500	
1N1195	300	1.4	25	30	25	145	10	25	N/A	125	
1N1195A	300	1.6 AV	150	20	20	150	3200	150	N/A	350	
1N1196	400	1.4	25	30	25	145	10	25	N/A	125	
1N1196A	400	1.6 AV	150	20	20	135	2500	150	N/A	350	
1N1197	500	1.4	25	30	25	145	10	25	N/A	125	
1N1197A	500	1.6 AV	150	20	20	150	2200	150	N/A	350	
1N1198	600	1.4	25	30	25	145	10	25	N/A	125	
1N1198A	600	1.6 AV	150	20	20	150	1500	150	N/A	350	
1N1301	50	1.5	25	50	37	120	2000	150	N/A	600	
1N1302	100	1.5	25	50	37	120	2000	150	N/A	600	
1N1304	200	1.5	25	50	37	120	2000	150	N/A	600	
1N1306	300	1.5	25	50	37	120	2000	150	N/A	600	
1N1434	50	1.2	25	60	30	25	5000	150	N/A	160	
1N1435	100	1.2	25	60	30	25	5000	150	N/A	160	
1N1436	200	1.2	25	60	30	25	5000	150	N/A	160	
1N1437	400	1.2	25	60	30	25	5000	150	N/A	160	
1N1438	600	1.2	25	60	30	25	5000	150	N/A	160	
1N2021	150	1.5	25	25	10	150	5000	150	N/A	110	
1N2022	250	1.5	25	25	10	150	5000	150	N/A	110	
1N2023	300	1.5	25	25	10	150	5000	150	N/A	110	
1N2024	350	1.5	25	25	10	150	5000	150	N/A	110	
1N2025	400	1.5	25	25	10	150	5000	150	N/A	110	
1N2128	50	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2128A	50	1.3	140	60	60	140	10000 AV	140	N/A	900	
1N2129	100	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2129A	100	1.3	140	60	60	140	10000 AV	140	N/A	900	
1N2130	150	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2130A	150	1.3	140	60	60	140	10000 AV	140	N/A	900	
1N2131	200	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2131A	200	1.3	140	60	60	140	10000 AV	140	N/A	900	
1N2132	250	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2132A	250	1.3	140	60	60	140	10000 AV	140	N/A	900	
1N2133	300	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2133A	300	1.3	140	60	60	140	10000 AV	140	N/A	900	
1N2134	350	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2134A	350	1.3	140	60	60	140	10000 AV	140	N/A	900	
1N2135	400	1.4	115	60	60	115	10000 AV	115	N/A	700	
1N2135A	400	1.3	140	60	60	140	10000 AV	140	N/A	900	

\* - Available as JAN, JTX, TXV to MIL-S-19500/297A

# STUD BASE RECTIFIERS (DO-5 CASE)

## I<sub>O</sub> RATINGS TO 60.0 AMPS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	TEMP °C	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
									nS	RATIO	
1N2136	450	1.4	115	60	60	115	10000 AV	115		N/A	700
1N2136A	450	1.3	140	60	60	140	10000 AV	140		N/A	900
1N2137	500	1.4	115	60	60	115	10000 AV	115		N/A	700
1N2137A	500	1.3	140	60	60	140	10000 AV	140		N/A	900
1N2138	600	1.4	115	60	60	115	10000 AV	115		N/A	700
1N2138A	600	1.3	140	60	60	140	10000 AV	140		N/A	900
1N2154	50	.60 AV	145	25	25	145	5000 AV	145		N/A	400
1N2155	100	.60 AV	145	25	25	145	4500 AV	145		N/A	400
1N2156	200	.60 AV	145	25	25	145	4000 AV	145		N/A	400
1N2157	300	.60 AV	145	25	25	145	3500 AV	145		N/A	400
1N2158	400	.60 AV	145	25	25	145	3000 AV	145		N/A	400
1N2159	500	.60 AV	145	25	25	145	2500 AV	145		N/A	400
1N2160	600	.60 AV	145	25	25	145	2000 AV	145		N/A	400
1N2282	300	1.5	25	50	20	150	5000 AV	150		N/A	400
1N2283	400	1.5	25	50	20	150	5000 AV	150		N/A	400
1N2284	500	1.5	25	50	20	150	5000 AV	150		N/A	400
1N2285	600	1.5	25	50	20	150	5000 AV	150		N/A	400
1N2286	800	1.5	25	50	20	150	5000 AV	150		N/A	400
1N2287	1000	1.5	25	50	20	150	5000 AV	150		N/A	400
1N2288	1200	1.5	25	50	20	150	5000 AV	150		N/A	400
1N2446	50	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2447	100	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2448	150	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2449	200	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2450	250	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2451	300	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2452	350	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2453	400	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2454	500	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2455	600	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2456	700	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2457	800	1.1	25	20	45	60	5000 AV	150		N/A	300
1N2458	50	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2459	100	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2460	150	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2461	200	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2462	250	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2463	300	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2464	350	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2465	400	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2466	500	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2467	600	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2468	700	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2469	800	1.1	25	30	60	60	5000 AV	150		N/A	450
1N2786	200	1.2	25	10	10	25	10000	150		N/A	180
1N2787	400	1.2	25	10	10	25	10000	150		N/A	180
1N2788	200	1.5	25	100	50	40	2000	150		N/A	600
1N2789	400	1.5	25	100	50	40	2000	150		N/A	600
1N3208	50	1.5	25	40	15	150	10000	150		N/A	250
1N3209	100	1.5	25	40	15	150	10000	150		N/A	250
1N3210	200	1.5	25	40	15	150	10000	150		N/A	250
1N3211	300	1.5	25	40	15	150	10000	150		N/A	250
1N3212	400	1.5	25	40	15	150	10000	150		N/A	250
1N3213	500	1.5	25	40	15	150	10000	150		N/A	250
1N3214	600	1.5	25	40	15	150	10000	150		N/A	250
1N3765	700	1.8	140	35	35	100	7000	140		N/A	500
* 1N3766	800	1.8	140	35	35	100	7000	140		N/A	500
1N3767	900	1.8	140	35	35	100	7000	140		N/A	500
* 1N3768	1000	1.8	140	35	35	140	4000	140		N/A	500
1N5332	1200	1.7	140	35	35	140	2000	140		N/A	500

\* - Available as JAN, JAN TX, JAN TXV to MIL-S-19500/297A

# STUD BASE RECTIFIERS (DO-5 CASE)

## I<sub>O</sub> RATINGS TO 60.0 AMPS

TYPE NUMBER	P <sub>RV</sub> VOLTS	V <sub>F</sub> V	TEMP °C	CURRENT AMPERES	I <sub>O</sub> AMPS	TEMP °C	I <sub>R</sub> μA	TEMP °C	T <sub>RR</sub>		I <sub>FSM</sub> AMPS
									nS	RATIO	
S25A05	50	1.1	25	25	25	145	2000	100	N/A		400
S25A1	100	1.1	25	25	25	145	2000	100	N/A		400
S25A2	200	1.1	25	25	25	145	2000	100	N/A		400
S25A3	300	1.1	25	25	25	145	2000	100	N/A		400
S25A4	400	1.1	25	25	25	145	2000	100	N/A		400
S25A5	500	1.1	25	25	25	145	2000	100	N/A		400
S25A6	600	1.1	25	25	25	145	2000	100	N/A		400
S25A8	800	1.1	25	25	25	145	2000	100	N/A		400
S25A10	1000	1.1	25	25	25	145	2000	100	N/A		400
S40A05	50	1.1	25	40	40	125	2000	100	N/A		500
S40A1	100	1.1	25	40	40	125	2000	100	N/A		500
S40A2	200	1.1	25	40	40	125	2000	100	N/A		500
S40A3	300	1.1	25	40	40	125	2000	100	N/A		500
S40A4	400	1.1	25	40	40	125	2000	100	N/A		500
S40A5	500	1.1	25	40	40	125	2000	100	N/A		500
S40A6	600	1.1	25	40	40	125	2000	100	N/A		500
S40A8	800	1.1	25	40	40	125	2000	100	N/A		500
S40A10	1000	1.1	25	40	40	125	2000	100	N/A		500