SPECIFICATIONS

CONFIGURATION	Type No.	Max. Working Peak Reverse Voltage V_{RM} (wkg) & V_R 1/ Volts	Max. RMS Input Voltage Volts	Max. Average Output Current Resistive/Inductive Load 50/60 Hertz 2/ T_A °C	T_A Amps	T_{OIL} °C	T_{OIL} Amps	Max. Single Cycle Surge Current I_{surge} 1/ Amps	Max. Peak Forward Voltage V_{FM} @ T_A = 25°C & 1/ I_{FM} Amps	V_{FM} Volts	Max. D.C. Reverse Current I_R @ V_R 1/ & T_A/OIL = 25°C µAmps	100°C µAmps	Max. Reverse Recovery Time trr @ T_A = 25°C 1/ 3/ Nano-Sec	Outline Information Ref No	'L' Inches	'L' mm
MINIATURE/AXIAL LEAD																
	NKV3F	3,000	2,100	40	0.050	40	0.070	3	0.01	6.0	1.0	75	200	1A	0.350	8.89
	NKV6F	6,000	4,200	40	0.030	40	0.042	3	0.01	10.0	1.0	75	200	1A	0.350	8.89
	NKV10F	10,000	7,000	40	0.015	40	0.021	2	0.01	15.0	1.0	75	200	1A	0.350	8.89
	NKV12F	12,000	8,400	40	0.012	40	0.017	2	0.01	17.0	1.0	75	200	1A	0.450	11.43
	NKV15F	15,000	10,500	40	0.010	40	0.014	2	0.01	22.0	1.0	75	200	1A	0.450	11.43
	NKV20F	20,000	14,000	40	0.005	40	0.007	1	0.01	30.0	1.0	75	200	1A	0.610	15.49
	JKV8	8,000	5,600	40	0.10	40	0.22	20	0.10	10.0	5.0	100	—	1B	—	—
	JKV10	10,000	7,000	40	0.10	40	0.22	20	0.10	12.0	5.0	100	—	1B	—	—
	JKV12	12,000	8,400	40	0.10	40	0.22	20	0.10	13.0	5.0	100	—	1B	—	—
	JKV15	15,000	10,500	40	0.10	40	0.22	20	0.10	16.0	5.0	100	—	1B	—	—
	JKV8F	8,000	5,600	40	0.06	40	0.10	10	0.10	11.0	5.0	125	200	1B	—	—
	JKV10F	10,000	7,000	40	0.06	40	0.10	10	0.10	13.0	5.0	125	200	1B	—	—
	JKV12F	12,000	8,400	40	0.06	40	0.10	10	0.10	14.0	5.0	125	200	1B	—	—
	JKV15F	15,000	10,500	40	0.06	40	0.10	10	0.10	17.0	5.0	125	200	1B	—	—
CARTRIDGE/AXIAL LEAD																
	IN1730	1,000	700	55	0.200	—	—	2.5	1.0	2.1	1.0	25	—	2A	0.530	13.46
	IN1731	1,500	1,050	55	0.200	—	—	2.5	1.0	2.1	1.0	25	—	2A	0.530	13.46
	IN1732	2,000	1,400	55	0.200	—	—	2.5	1.0	3.2	1.0	25	—	2A	0.530	13.46
	IN1733	3,000	2,100	55	0.150	—	—	6.0	1.0	4.2	1.0	25	—	2A	1.030	26.16
	IN2382	4,000	2,800	55	0.150	—	—	2.5	1.0	6.3	1.0	25	—	2B	1.030	26.16
	IN1734	5,000	3,500	55	0.100	—	—	6.0	1.0	7.5	1.0	25	—	2B	1.030	26.16
	IN2383	6,000	4,200	55	0.100	—	—	6.0	1.0	9.5	1.0	25	—	2B	1.530	38.86
	IN2384	8,000	5,600	55	0.070	—	—	6.0	1.0	12.0	1.0	25	—	2B	1.530	38.86
	IN2385	10,000	7,000	55	0.070	—	—	6.0	1.0	14.7	1.0	25	—	2B	2.030	51.56
	IN5482	2,000	1,400	55	1.000	—	—	80	1.0	3.0	5.0	50	—	2B	1.000	25.40
	IN5483	3,000	2,100	55	1.000	—	—	80	1.0	4.7	5.0	50	—	2B	2.000	50.80
	IN5484	4,000	2,800	55	1.000	—	—	80	1.0	5.6	5.0	50	—	2B	2.000	50.80
	IN5485	5,000	3,500	55	1.000	—	—	80	1.0	7.5	5.0	50	—	2B	2.500	63.50
	425SH2AB1	1,000	700	55	1.000	55	1.400	50	1.0	2.1	1.0	25	—	2A	0.530	13.46
	425SH3AB1	1,500	1,050	55	0.850	55	1.200	50	1.0	3.2	1.0	25	—	2A	0.530	13.46
	425SH4AB1	2,000	1,400	55	0.650	55	0.910	50	1.0	4.2	1.0	25	—	2A	1.030	26.16
	425SH6AB1	3,000	2,100	55	0.500	55	0.700	50	1.0	6.3	1.0	25	—	2A	1.030	26.16
	425SH8AB1	4,000	2,800	55	0.500	55	0.700	50	1.0	8.4	1.0	25	—	2B	1.030	26.16
	425NH9AB1	5,000	3,500	55	0.500	55	0.700	50	1.0	9.5	1.0	25	—	2B	1.530	38.86
	425NH10AB1	6,000	4,200	55	0.400	55	0.560	50	1.0	10.1	1.0	25	—	2B	1.530	38.86
	425NH14AB1	8,000	5,600	55	0.200	55	0.280	50	1.0	14.7	1.0	25	—	2B	1.530	38.86
	425NH17AB1	10,000	7,000	55	0.150	55	0.210	50	1.0	17.9	1.0	25	—	2B	2.030	51.56
	425SH23AB1	12,000	8,400	55	0.125	55	0.175	50	1.0	24.2	1.0	25	—	2B	2.530	64.26
	425SH29AB1	15,000	10,500	55	0.100	55	0.140	50	1.0	30.5	1.0	25	—	2B	3.030	76.96
	425SH38AB1	20,000	14,000	55	0.100	55	0.140	50	1.0	40.0	1.0	25	—	2B	4.030	102.36
	426EH2AB1	1,000	700	55	0.500	55	0.700	35	1.0	2.4	2.0	100	250	2A	0.530	13.46
	426EH3AB1	1,500	1,050	55	0.500	55	0.700	35	1.0	3.6	2.0	100	250	2A	1.030	26.16
	426EH4AB1	2,000	1,400	55	0.400	55	0.560	35	1.0	4.8	2.0	100	250	2A	1.030	26.16
	426EH6AB1	3,000	2,100	55	0.400	55	0.560	35	1.0	7.2	2.0	100	250	2B	1.030	26.16
	426EH8AB1	4,000	2,800	55	0.400	55	0.560	35	1.0	9.6	2.0	100	250	2B	1.530	38.86
	426EH10AB1	5,000	3,500	55	0.400	55	0.560	35	1.0	12.0	2.0	100	250	2B	2.030	51.56
	426EH12AB1	6,000	4,200	55	0.400	55	0.560	35	1.0	14.4	2.0	100	250	2B	2.530	64.26
	426EH16AB1	8,000	5,600	55	0.400	55	0.560	35	1.0	19.2	2.0	100	250	2B	3.030	76.96
	426EH20AB1	10,000	7,000	55	0.400	55	0.560	35	1.0	24.0	2.0	100	250	2B	4.030	102.36

SPECIFICATIONS

CONFIGURATION	Type No.	Max. Working Peak Reverse Voltage V_{RM} (wkg) & V_R 1/ Volts	Max. RMS Input Voltage Volts	Max. Average Output Current Resistive/Inductive Load 50/60 Hertz 2/ T_A °C	T_A Amps	T_{OIL} °C	T_{OIL} Amps	Max. Single Cycle Surge Current I_{surge} 1/ Amps	Max. Peak Forward Voltage V_{FM} @ T_A = 25°C & 1/ I_{FM} Amps	V_{FM} Volts	Max. D.C. Reverse Current I_R @ V_R 1/ & T_A/OIL= 25°C µAmps	100°C µAmps	Max. Reverse Recovery Time trr @ T_A = 25°C 1/ 3/ Nano-Sec	Outline Information Ref No	'L' Inches	'L' mm
RELI-A-VOLT SERIES																
	423MH5AE1	2,500	1,700	55	0.60	55	0.90	50	1.0	6.0	1.0	100	—	4	3.36	85.35
	423MH10AE1	5,000	3,500	55	0.60	55	0.90	50	1.0	12.0	1.0	100	—	4	3.36	85.35
	423NH10AE1	7,500	5,300	55	0.60	55	0.90	50	1.0	12.0	1.0	100	—	4	3.36	85.35
	423PH10AE1	10,000	7,000	55	0.60	55	0.90	50	1.0	12.0	1.0	100	—	4	3.36	85.35
	423NH16AE1	12,500	8,800	55	0.60	55	0.90	50	1.0	19.5	1.0	100	—	4	4.04	102.61
	423PH15AE1	15,000	10,500	55	0.60	55	0.90	50	1.0	18.5	1.0	100	—	4	4.04	102.62
	424MH5AE1	2,500	1,700	55	0.45	55	0.68	35	1.0	7.0	1.0	150	250	4	3.36	85.35
	424MH10AE1	5,000	3,500	55	0.45	55	0.68	35	1.0	14.0	1.0	150	250	4	3.36	85.35
	424MH13AE1	7,500	5,300	55	0.45	55	0.68	35	1.0	18.5	1.0	150	250	4	4.04	102.62
	424MH17AE1	10,000	7,000	55	0.45	55	0.68	35	1.0	24.0	1.0	150	250	4	4.04	102.62
	424MH21AE1	12,500	8,800	55	0.45	55	0.68	35	1.0	29.5	1.0	150	250	4	4.72	119.89
	424MH25AE1	15,000	10,500	55	0.45	55	0.68	35	1.0	28.0	1.0	150	250	4	6.09	154.69
	523MH5AE1	2,500	1,700	55	1.20	55	1.80	125	1.0	5.0	1.0	150	—	4	3.36	85.35
	523MH10AE1	5,000	3,500	55	1.20	55	1.80	125	1.0	10.0	1.0	150	—	4	4.04	102.62
	523NH10AE1	7,500	5,300	55	1.20	55	1.80	125	1.0	10.0	1.0	150	—	4	4.04	102.62
	523NH13AE1	10,000	7,000	55	1.20	55	1.80	125	1.0	13.0	1.0	150	—	4	4.72	119.89
	523NH16AE1	12,500	8,800	55	1.20	55	1.80	125	1.0	16.0	1.0	150	—	4	6.09	154.69
	523NH20AE1	15,000	10,500	55	1.20	55	1.80	125	1.0	20.0	1.0	150	—	4	6.09	154.69
	524MH5AE1	2,500	1,700	55	0.85	55	1.28	100	1.0	5.5	2.0	175	250	4	3.36	85.35
	524MH10AE1	5,000	3,500	55	0.85	55	1.28	100	1.0	10.5	2.0	175	250	4	4.04	102.62
	524MH13AE1	7,500	5,300	55	0.85	55	1.28	100	1.0	13.0	2.0	175	250	4	4.72	119.89
	524MH17AE1	10,000	7,000	55	0.85	55	1.28	100	1.0	17.0	2.0	175	250	4	6.09	154.69
	524MH21AE1	12,500	8,800	55	0.85	55	1.28	100	1.0	21.0	2.0	175	250	4	6.09	154.69
	423MC5AE1	2,500	1,700	55	1.20	55	1.80	50	1.0	6.0	1.0	100	—	4	3.36	85.35
	423NC7AE1	5,000	3,500	55	1.20	55	1.80	50	1.0	8.5	1.0	100	—	4	4.04	102.62
	423PC8AE1	7,500	5,300	55	1.20	55	1.80	50	1.0	10.0	1.0	100	—	4	4.72	119.89
	423PC10AE1	10,000	7,000	55	1.20	55	1.80	50	1.0	12.0	1.0	100	—	4	4.72	119.89
	423PC13AE1	12,500	8,800	55	1.20	55	1.80	50	1.0	16.0	1.0	100	—	4	6.09	154.69
	423PC15AE1	15,000	10,500	55	1.20	55	1.80	50	1.0	18.5	1.0	100	—	4	6.09	154.69
	424MC5AE1	2,500	1,700	55	0.90	55	1.35	35	1.0	7.0	1.0	150	250	4	3.36	85.35
	424MC10AE1	5,000	3,500	55	0.90	55	1.35	35	1.0	14.0	1.0	150	250	4	4.72	119.89
	424MC13AE1	7,500	5,300	55	0.90	55	1.35	35	1.0	18.5	1.0	150	250	4	6.09	154.69
	523NC4AE1	2,500	1,700	55	2.40	55	3.50	125	1.0	4.0	1.0	150	—	4	3.36	85.35
	523NC7AE1	5,000	3,500	55	2.40	55	3.50	125	1.0	7.0	1.0	150	—	4	4.72	119.89
	523NC10AE1	7,500	5,300	55	2.40	55	3.50	125	1.0	10.0	1.0	150	—	4	6.09	154.69
	524MC5AE1	2,500	1,700	55	1.70	55	2.40	100	1.0	5.5	2.0	175	250	4	4.04	102.62
	524MC10AE1	5,000	3,500	55	1.70	55	2.40	100	1.0	10.5	2.0	175	250	4	6.09	154.69
	423MD5AE1	2,500	1,700	55	0.60	55	0.90	50	1.0	6.0	1.0	100	—	4	3.36	85.35
	423ND7AE1	5,000	3,500	55	0.60	55	0.90	50	1.0	8.5	1.0	100	—	4	4.04	102.62
	423PD8AE1	7,500	5,300	55	0.60	55	0.90	50	1.0	10.0	1.0	100	—	4	4.72	119.89
	423PD10AE1	10,000	7,000	55	0.60	55	0.90	50	1.0	12.0	1.0	100	—	4	4.72	119.89
	423PD13AE1	12,500	8,800	55	0.60	55	0.90	50	1.0	16.0	1.0	100	—	4	6.09	154.69
	423PD15AE1	15,000	10,500	55	0.60	55	0.90	50	1.0	18.5	1.0	100	—	4	6.09	154.69
	424MD5AE1	2,500	1,700	55	0.45	55	0.68	35	1.0	7.0	1.0	150	250	4	3.36	85.35
	424MD10AE1	5,000	3,500	55	0.45	55	0.68	35	1.0	14.0	1.0	150	250	4	4.72	119.89
	424MD13AE1	7,500	5,300	55	0.45	55	0.68	35	1.0	18.5	1.0	150	250	4	6.09	154.69
	523ND4AE1	2,500	1,700	55	1.20	55	1.80	125	1.0	4.0	1.0	150	—	4	3.36	85.35
	523ND7AE1	5,000	5,000	55	1.20	55	1.80	125	1.0	7.0	1.0	150	—	4	4.72	119.89
	523ND10AE1	7,500	7,500	55	1.20	55	1.80	125	1.0	10.0	1.0	150	—	4	6.09	154.69
	524MD5AE1	2,500	1,700	55	0.85	55	1.28	100	1.0	5.5	2.0	175	250	4	4.04	102.62
	524MD10AE1	5,000	3,500	55	0.85	55	1.28	100	1.0	10.5	2.0	175	250	4	6.09	154.69

SPECIFICATIONS

CONFIGURATION	Type No.	Max. Working Peak Reverse Voltage V_{RM} (wkg) & V_R 1/ Volts	Max. RMS Input Voltage Volts	Max. Average Output Current Resistive/Inductive Load 50/60 Hertz 2/ T_A °C	T_A Amps	T_{OIL} °C	T_{OIL} Amps	Max. Single Cycle Surge Current I_{surge} 1/ Amps	Max. Peak Forward Voltage V_{FM} @ T_A = 25°C & 1/ I_{FM} Amps	V_{FM} Volts	Max. D.C. Reverse Current I_R @ V_R 1/ & T_A/$_{OIL}$ = 25°C µAmps	100°C µAmps	Max. Reverse Recovery Time trr @ T_A = 25°C 1/ 3/ Nano-Sec	Outline Information Ref No	'L' Inches	'L' mm
	HI-SLIM SERIES															
	423PH5AS1	5,000	3,500	55	0.5	55	0.7	50	3.0	6.0	1.0	100	—	3A	1.125	28.58
	423PH8AS1	7,500	5,300	55	0.5	55	0.7	50	3.0	9.0	1.0	100	—	3A	1.625	41.28
	423PH10AS1	10,000	7,000	55	0.5	55	0.7	50	3.0	12.0	1.0	100	—	3A	2.000	50.80
	423PH13AS1	12,500	8,800	55	0.5	55	0.7	50	3.0	16.0	1.0	100	—	3A	2.375	60.33
	423PH15AS1	15,000	10,500	55	0.5	55	0.7	50	3.0	18.5	1.0	100	—	3A	2.750	69.85
	423PH20AS1	20,000	14,000	55	0.5	55	0.7	50	3.0	24.0	1.0	100	—	3A	3.500	88.90
	423PH25AS1	25,000	17,600	55	0.5	55	0.7	50	3.0	30.0	1.0	100	—	3A	4.250	107.95
	424MH5AS1	2,500	1,700	55	0.35	55	0.5	35	3.0	6.0	1.0	150	250	3A	1.125	28.58
	424MH9AS1	5,000	3,500	55	0.35	55	0.5	35	3.0	12.0	1.0	150	250	3A	2.000	50.80
	424MH13AS1	7,500	5,300	55	0.35	55	0.5	35	3.0	18.0	1.0	150	250	3A	2.750	69.85
	424MH17AS1	10,000	7,000	55	0.35	55	0.5	35	3.0	24.0	1.0	150	250	3A	3.500	88.90
	424MH21AS1	12,500	8,800	55	0.35	55	0.5	35	3.0	30.0	1.0	150	250	3A	4.250	107.95
	523MH5AS1	2,500	1,700	55	1.1	55	2.0	125	3.0	5.0	1.0	150	—	3B	1.500	38.10
	523MH9AS1	5,000	3,500	55	1.1	55	2.0	125	3.0	10.0	1.0	150	—	3B	2,500	63.50
	523MH13AS1	7,500	5,300	55	1.1	55	2.0	125	3.0	15.0	1.0	150	—	3B	3.500	88.90
	523MH17AS1	10,000	7,000	55	1.1	55	2.0	125	3.0	20.0	1.0	150	—	3B	4,500	114.30
	523MH21AS1	12,500	8,800	55	1.1	55	2.0	125	3.0	25.0	1.0	150	—	3B	5.500	139.70
	523MH25AS1	15,000	10,500	55	1.1	55	2.0	125	3.0	30.0	1.0	150	—	3B	6.500	165.10
	524MH5AS1	2,500	1,700	55	0.75	55	1.4	100	3.0	5.5	2.0	175	250	3B	1.500	38.10
	524MH9AS1	5,000	3,500	55	0.75	55	1.4	100	3.0	11.0	2.0	175	250	3B	2.500	63.50
	524MH13AS1	7,500	5,300	55	0.75	55	1.4	100	3.0	16.0	2.0	175	250	3B	3.500	88.90
	524MH17AS1	10,000	7,000	55	0.75	55	1.4	100	3.0	21.0	2.0	175	250	3B	4.500	114.30
	524MH21AS1	12,500	8,800	55	0.75	55	1.4	100	3.0	26.0	2.0	175	250	3B	5.500	139.70
	524MH25AS1	15,000	10,500	55	0.75	55	1.4	100	3.0	32.0	2.0	175	250	3B	6.500	165.10
	HI-BEL SERIES															
	CDE-2.5	2,500	1,700	100	6.00	55	7.70	200	3.00	5.0	5.0	250	—	5	—	—
	CDB-2.5	2,500	1,700	75	3.00	55	4.25	100	1.50	4.0	2.5	150	—	5	—	—
	CDE-5	5,000	3,500	100	4.50	55	5.50	200	2.20	10.0	5.0	250	—	5	—	—
	CDB-5	5,000	3,500	75	2.00	55	2.75	100	1.00	8.0	2.5	150	—	5	—	—
	CDA-5	5,000	3,500	75	1.65	55	2.20	30	0.82	8.0	1.0	100	—	5	—	—
	CDB-7.5	7,500	5,300	75	1.33	55	2.00	100	0.70	12.0	5.0	150	—	5	—	—
	CDA-7.5	7,500	5,300	75	1.25	55	1.75	30	0.60	12.0	1.0	100	—	5	—	—
	CDA-10	10,000	7,000	75	1.00	55	1.40	30	0.50	16.0	1.0	100	—	5	—	—
	CDA-15	15,000	10,500	75	0.67	55	0.90	30	0.33	25.0	1.0	100	—	5	—	—
				4/		4/										
	CDF-2.5	2,500	1,700	75	4.50	55	5.30	150	2.20	6.0	5.0	275	350	5	—	—
	CDD-2.5	2,500	1,700	75	2.25	55	3.30	80	1.20	6.0	2.5	175	350	5	—	—
	CDF-5	5,000	3,500	75	3.30	55	4.40	150	1.60	11.0	5.0	275	350	5	—	—
	CDD-5	5,000	3,500	75	1.50	55	2.00	80	0.75	11.0	2.5	175	350	5	—	—
	CDC-5	5,000	3,500	75	1.20	55	1.70	25	0.70	10.0	1.0	150	350	5	—	—
	CDD-7.5	7,500	5,300	75	1.00	55	1.50	80	0.50	17.0	2.5	175	350	5	—	—
	CDC-7.5	7,500	5,300	75	0.90	55	1.25	25	0.50	15.0	1.0	150	350	5	—	—
	CDC-10	10,000	7,000	75	0.75	55	1.00	25	0.37	20.0	1.0	150	350	5	—	—
	CDC-15	15,000	10,500	75	0.50	55	0.70	25	0.25	30.0	1.0	150	350	5	—	—

SPECIFICATIONS

CONFIGURATION	Type No.	Max. Working Peak Reverse Voltage V_{RM} (wkg) & V_R 1/ Volts	Max. RMS Input Voltage Volts	Max. Average Output Current Resistive/Inductive Load 50/60 Hertz 2/ T_A °C	T_A Amps	T_{OIL} °C	T_{OIL} Amps	Max. Single Cycle Surge Current I_{surge} 1/ Amps	Max. Peak Forward Voltage V_{FM} @ T_A = 25°C & 1/ I_{FM} Amps	V_{FM} Volts	Max. D.C. Reverse Current I_R @ V_R 1/ & T_A/OIL = 25°C μAmps	100°C μAmps	Max. Reverse Recovery Time trr @ T_A = 25°C 1/ 3/ Nano-Sec	Outline Information Ref No	'L' Inches	'L' mm
X-RAY SERIES																
	CHV66	100,000	70,000	—	—	40	0.220	20	0.05	160	1.0	100	—	6	—	—
	CHV67	125,000	88,000	—	—	40	0.220	20	0.05	190	1.0	100	—	6	—	—
	CHV68	150,000	105,000	—	—	40	0.220	20	0.05	220	1.0	100	—	6	—	—
	CRHV71	100,000	70,000	—	—	40	0.100	10	0.05	160	1.0	125	250	6	—	—
	CRHV72	125,000	88,000	—	—	40	0.100	10	0.05	190	1.0	125	250	6	—	—
	CRHV73	150,000	105,000	—	—	40	0.100	10	0.05	220	1.0	125	250	6	—	—
ULTRA-HIGH VOLTAGE SERIES																
	UHV100	100,000	70,000	—	—	40	0.220	25	0.20	170	1.0	100	—	7A	8.92	226.6
	UHV125	125,000	88,000	—	—	40	0.220	25	0.20	200	1.0	100	—	7A	8.92	226.6
	UHV150	150,000	105,000	—	—	40	0.220	25	0.20	230	1.0	100	—	7A	8.92	226.6
	UHV175	175,000	122,500	—	—	40	0.220	25	0.20	260	1.0	100	—	7A	8.92	226.6
	UHV200	200,000	140,000	—	—	40	0.220	25	0.20	300	1.0	100	—	7B	10.43	264.9
	UHV225	225,000	157,500	—	—	40	0.220	25	0.20	330	1.0	100	—	7B	10.43	264.9
	UHV250	250,000	175,000	—	—	40	0.220	25	0.20	350	1.0	100	—	7B	10.43	264.9
	UHV275	275,000	192,500	—	—	40	0.220	25	0.20	370	1.0	100	—	7B	10.43	264.9
	UHV300	300,000	210,000	—	—	40	0.220	25	0.20	390	1.0	100	—	7B	10.43	264.9
BLOCK RECTIFIER SERIES																
	IN5477	5,000	3,500	55	1.00	55	1.40	80	1.0	6.6	1.0	50	—	8A	—	—
	IN5478	6,000	4,200	55	1.00	55	1.40	80	1.0	7.5	1.0	50	—	8A	—	—
	IN5479	7,000	4,900	55	1.00	55	1.40	80	1.0	8.4	1.0	50	—	8A	—	—
	IN5480	8,000	5,600	55	1.00	55	1.40	80	1.0	9.3	1.0	50	—	8A	—	—
	IN5481	10,000	7,000	55	1.00	55	1.40	80	1.0	13.1	1.0	50	—	8A	—	—
	423MH6AH1	2,500	1,700	55	1.25	55	1.60	50	1.0	6.3	1.0	25	—	8A	—	—
	423MH11AH1	5,000	3,500	55	1.00	55	1.30	50	1.0	11.6	1.0	25	—	8A	—	—
	423SH14AH1	7,500	5,300	55	0.75	55	1.00	50	1.0	14.7	1.0	25	—	8A	—	—
	423SH19AH1	10,000	7,000	55	0.40	55	0.56	50	1.0	20.0	1.0	25	—	8A	—	—
	423SH24AH1	12,500	8,800	55	0.25	55	0.35	50	1.0	25.2	1.0	25	—	8A	—	—
	423NH26AH1	15,000	10,500	55	0.20	55	0.28	50	1.0	27.3	1.0	25	—	8A	—	—
	423MC6AH1	2,500	875	55	1.25	55	1.60	50	1.0	6.3	1.0	25	—	8B	—	—
	423MC11AH1	5,000	1,750	55	1.00	55	1.30	50	1.0	11.6	1.0	25	—	8B	—	—
	423SC14AH1	7,500	2,625	55	0.75	55	1.00	50	1.0	14.7	1.0	25	—	8B	—	—
	423NC17AH1	10,000	3,500	55	0.50	55	0.70	50	1.0	17.9	1.0	25	—	8B	—	—
	423MD6AH1	2,500	1,700	55	0.60	55	0.84	50	1.0	6.3	1.0	25	—	8C	—	—
	423MD11AH1	5,000	3,500	55	0.30	55	0.42	50	1.0	11.6	1.0	25	—	8C	—	—
	423SD14AH1	7,500	5,300	55	0.25	55	0.35	50	1.0	14.7	1.0	25	—	8C	—	—
	423ND17AH1	10,000	7,000	55	0.20	55	0.28	50	1.0	17.9	1.0	25	—	8C	—	—
	423MB6AH1	2,500	1,700	55	1.00	55	1.40	50	1.0	6.3	1.0	25	—	8D	—	—
	423TB8AH1	5,000	3,500	55	0.75	55	1.00	50	1.0	9.4	1.0	25	—	8D	—	—
	423PB10AH1	7,500	5,300	55	0.50	55	0.70	50	1.0	12.4	1.0	25	—	8D	—	—

NOTES

1/ Per rectifier element

2/ When two doubler rectifiers are connected to form a single phase bridge, the output current rating is double that shown. If three doubler rectifiers are connected to form a three phase bridge, the output current rating is 2.72 times that shown.

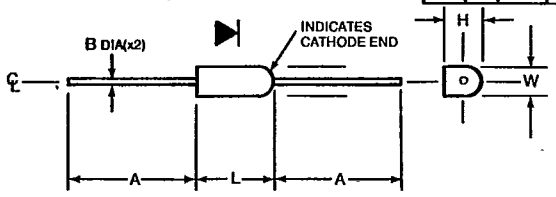
3/ Recovery test conditions are (per MIL-S-19500/286C): I_{FM} = 0.5Apk; I_{RT} = 1.0Apk; Recover to 0.25A Exceptions are for the fast switching types included in the miniature/axial lead and x-ray series. For these types the recovery test conditions are: I_{FM} = 5 MApk; I_{RT} = 10 MApk; Recover to 2.5 MA.

4/ For Hi-Bel output current ratings, case temperatures, T_C, are in effect instead of ambient or oil temperatures

MECHANICAL DATA/OUTLINE DIMENSIONS

1 MINIATURE/AXIAL LEAD

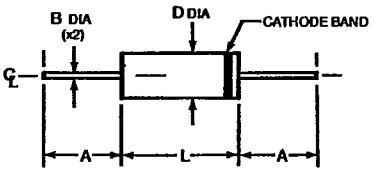
DIMENSION DETAILS					
OUT LINE	DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
1A	A	0.75	—	19.00	0.61
	B	0.018	0.024	0.45	5.72
	H	—	0.225	—	*
	L	—	*	—	5.21
	W	—	0.205	—	
1B	A	0.51	—	12.95	—
	B	0.028	0.034	0.71	0.86
	H	—	0.240	—	6.60
	L	—	0.630	—	16.0
	W	—	0.205	—	5.21



*AS SPECIFIED IN SPECIFICATION TABLE

2 CARTRIDGE/AXIAL LEAD

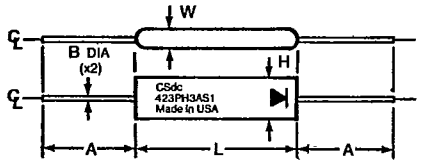
DIMENSION DETAILS					
OUT LINE	DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
2A	A	1.25	—	31.75	—
	B	0.028	0.034	0.71	0.86
	D	—	0.405	—	10.29
	L	—	*	—	*
2B	A	1.25	—	31.75	—
	B	0.028	0.034	0.71	0.86
	D	—	0.510	—	19.95
	L	—	*	—	*



*AS SPECIFIED IN SPECIFICATION TABLE

3 HI-SLIM SERIES

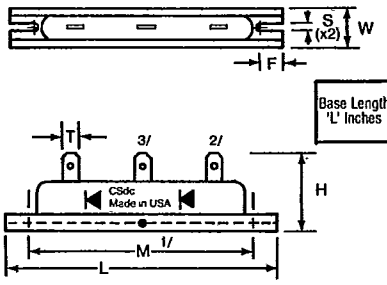
DIMENSION DETAILS					
OUT LINE	DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
3A	A	2.00	—	5.08	—
	B	0.048	0.054	1.21	1.37
	H	0.475	0.525	12.06	13.34
	L	—	*	—	*
	W	0.235	0.265	5.97	6.73
3B	A	2.00	—	5.08	—
	B	0.048	0.054	1.21	1.37
	H	0.665	0.715	16.89	18.16
	L	—	*	—	*
	W	0.365	0.395	9.27	10.03



*AS SPECIFIED IN SPECIFICATION TABLE

4 RELI-A-VOLT SERIES

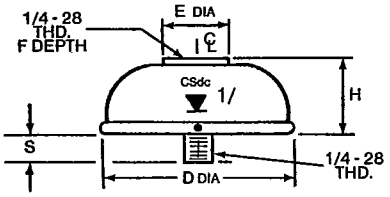
DIMENSION DETAILS					
DIM		INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
F		0.36	0.38	9.14	9.65
H		—	1.32	—	33.53
L		—	*	—	*
	Base Length 'L' Inches 3.36	2.75	2.81	69.85	71.37
	Base Length 'L' Inches 4.04	3.43	3.49	87.12	88.65
M	Base Length 'L' Inches 4.72	4.11	4.17	104.39	105.92
	Base Length 'L' Inches 6.09	5.48	5.54	139.19	140.72
S		0.16	0.18	4.06	4.57
T		0.247	0.253	6.27	6.43
W		—	0.63	—	16.00



NOTES
1/ CASE TEMPERTURE MEASURING POINT.●
2/ ALL TERMINALS HAVE .08 INCH (2.03MM) DIA. THRU HOLE FOR SOLDERING
3/ THIS TERMINAL OMMITTED ON HALF WAVE DESIGNS
4/ AS SPECIFIED IN SPECIFICATION TABLE *

5 HI-BEL SERIES

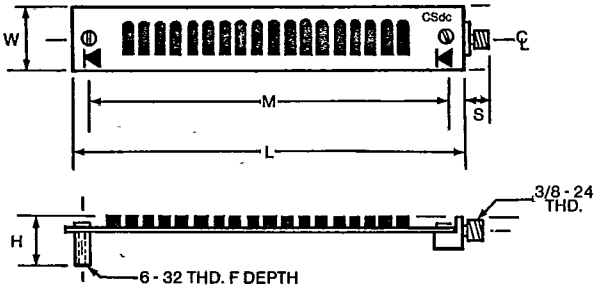
DIMENSION DETAILS				
DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
D	—	1.90	—	48.26
E	0.615	0.645	15.62	16.38
F	0.275	—	6.99	—
H	—	0.78	—	19.81
S	0.240	0.270	6.09	6.86



NOTES
1/ CASE TEMPERATURE MEASURING POINT ●

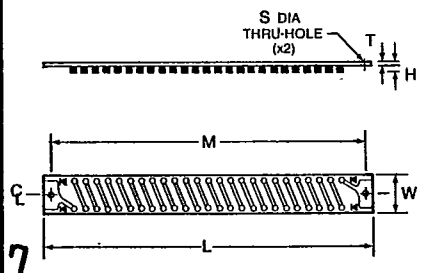
6 X-RAY SERIES

DIMENSION DETAILS				
DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
F	0.20	—	5.08	—
H	—	0.90	—	22.86
L	5.910	5.970	150.11	151.64
M	5.620	5.660	142.74	143.76
S	0.380	0.500	9.65	12.70
W	0.980	1.020	24.89	25.91



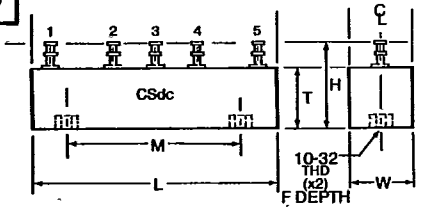
7 ULTRA-HIGH VOLTAGE SERIES

DIMENSION DETAILS					
OUT LINE	DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
7A	H	—	0.40	—	10.16
	L	8.88	8.92	225.55	226.67
	M	8.48	8.52	215.39	216.41
	S	0.157	0.165	3.98	4.19
	T	—	0.100	—	2.54
	W	—	1.05	—	26.67
7B	H	—	0.40	—	10.16
	L	10.36	10.43	263.14	264.92
	M	9.98	10.02	253.49	254.51
	S	0.157	0.165	3.98	4.19
	T	—	0.10	—	2.54
	W	—	1.05	—	26.67



8 BLOCK RECTIFIER SERIES

DIMENSION DETAILS				
DIM	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX
F	0.125	—	3.17	—
H	—	1.10	—	27.94
L	—	3.05	—	77.47
M	2.115	2.135	53.72	54.23
T	—	0.755	—	19.18
W	—	0.755	—	19.18

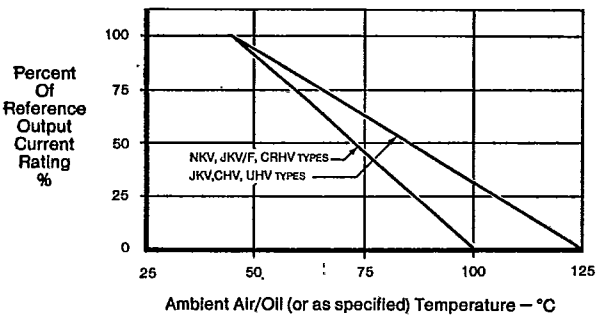


CIRCUIT CONFIGURATION POLARITY GUIDE

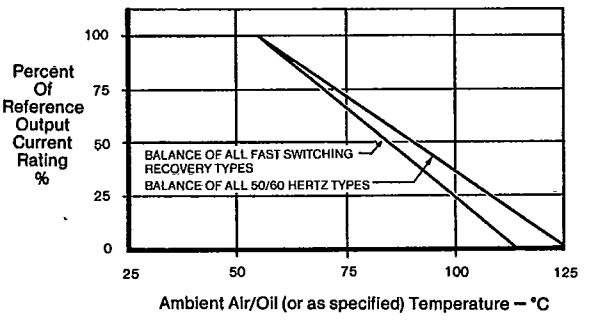
CIRCUIT CONFIGURATION	TERMINAL FUNCTION/(MARKING) 1	2	3	4	5	OTHER POLARITY MARKINGS
HALF WAVE	ANODE	OMIT	OMIT	OMIT	CATHODE	▶|
CENTER-TAP	AC INPUT (AC)	OMIT	POS/NEG OUT (+/–)	OMIT	AC INPUT (AC)	NONE
DOUBLER	ANODE (–)	OMIT	AC INPUT (AC)	OMIT	CATHODE (+)	|◀ |▶
BRIDGE (SINGLE PHASE)	NEG OUTPUT (–)	AC INPUT (AC)	OMIT	AC INPUT (AC)	POS OUTPUT(+)	NONE

RATING CURVES

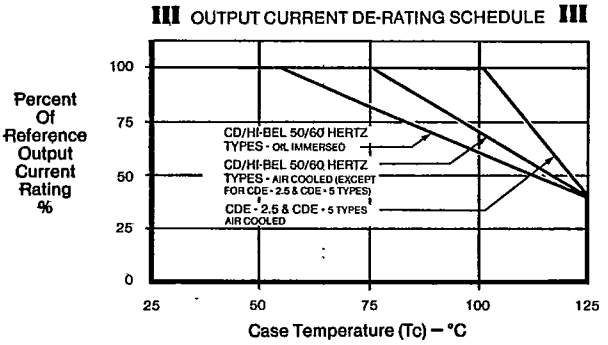
I OUTPUT CURRENT DE-RATING SCHEDULE I



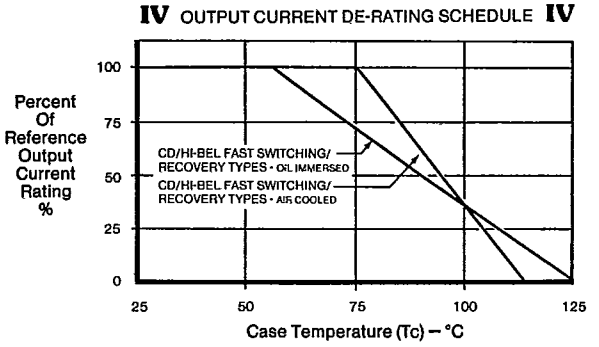
II OUTPUT CURRENT DE-RATING SCHEDULE II



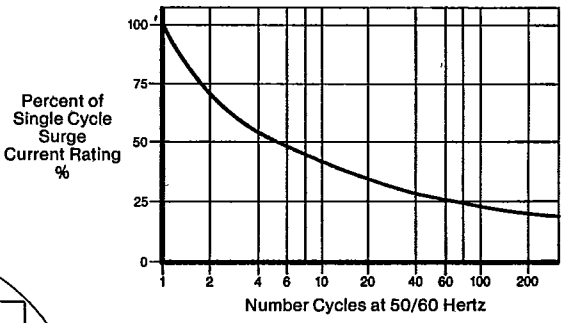
III OUTPUT CURRENT DE-RATING SCHEDULE III



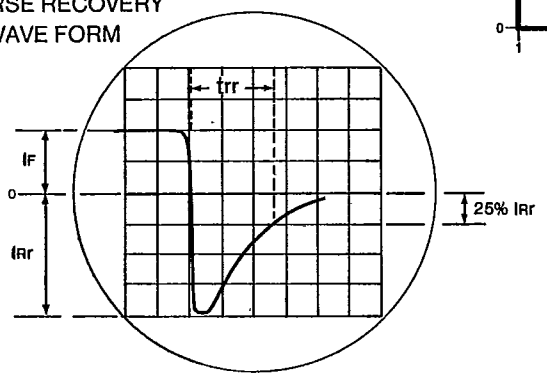
IV OUTPUT CURRENT DE-RATING SCHEDULE IV



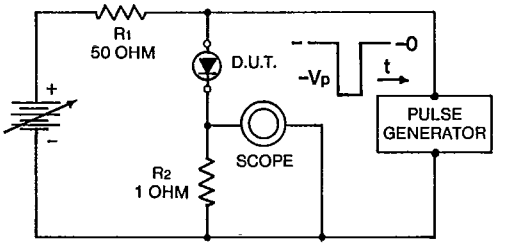
FORWARD SURGE CURRENT SCHEDULE
(Over entire operational temperature range)



REVERSE RECOVERY WAVE FORM



trr TEST CIRCUIT



1/ NKV Types: I_F = 5 MA, I_R = 10 MA recover to I_{Rr} = 2.5 MA
2/ JKV/F, CRHV Types; I_F = 100 MA, I_R = MA, recover to I_{Rr} = 25 MA
3/ Balance of all fast switching/recovery types
I_F = .5 A, I_R = 1.0 A, recover to I_{Rr} = .25 A (Mil-S-19500/286C Method)

R_1, R_2 Non-inductive resistors
Pulse Generator - 1 KHz Rep Rate,
10 Sec Pulse Width, Adjust Pulse
Amplitude For Peak I_{Rr}

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