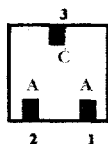


SURFACE MOUNT DEVICES

DIODE RECTIFIERS - COMMON ANODE

PACKAGE

LCC-3



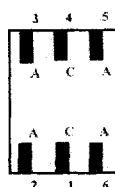
DEVICE TYPE	PEAK INVERSE VOLTAGE V (MIN) @10mA	AVERAGE DC OUTPUT CURRENT mA (MAX) 100°C	FORWARD VOLTAGE DROP 25°C V (max) mA (MAX)	REVERSE CURRENT @ PIV 25°C nA	JUNCTION CAPACITANCE Vt = 0V F=1MHZ pf (max)
SD2810	20	70	0.41 1	100	1.2
SD5711	70	30	0.41 1	200	2.0
SD5712	20	70	0.41 1	150	1.2

Available in common anode (A) and doubler configurations (D).

DIODE RECTIFIERS - COMMON CATHODE

PACKAGE

LCC-6



DEVICE TYPE	PEAK INVERSE VOLTAGE V (MIN) @10mA	AVERAGE DC OUTPUT CURRENT A (MAX) 100°C	FORWARD VOLTAGE DROP 25°C V (max) mA (MAX)	REVERSE CURRENT @ PIV 25°C nA	JUNCTION CAPACITANCE Vt = 0V F=1MHZ pf (max)
SD5A20	20	1.0	0.5 100	10	60
SD5A30	30	1.0	0.5 100	10	60
SD5A40	40	1.0	0.5 100	10	60

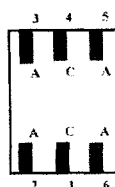
Power Rating: 10mW/°C above 75°C

Available in common anode (A) and doubler configurations (D).

SCHOTTKY RECTIFIERS - DUAL CENTER TAP

PACKAGE

LCC-6



DEVICE TYPE	PEAK INVERSE VOLTAGE V (MIN) @10mA	AVERAGE DC OUTPUT CURRENT A (MAX) 100°C	FORWARD VOLTAGE DROP 25°C V (max) mA (MAX)	REVERSE CURRENT @ PIV 25°C nA (MAX)
SD5817	20	2.0	0.34 100	100
SD5818	30	2.0	0.34 100	100
SD5819	40	2.0	0.34 100	100
SD1A50	50	2.0	0.35 100	100

Power Rating: 14.3mW/°C above 55°C

Available in common anode (A) and doubler configurations (D).

ULTRAFAST RECTIFIERS - COMMON CATHODE

PACKAGE

LCC-4



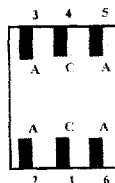
DEVICE TYPE	PEAK INVERSE VOLTAGE V (MIN)	AVERAGE DC OUTPUT CURRENT mA (MAX) 55°C	FORWARD VOLTAGE DROP 25°C V (max) A (max)	REVERSE CURRENT @ PIV 25°C μA (MAX)	REVERSE RECOVERY TIME n SEC (MAX)
SS5806	150	1.0	0.875 1.0	1.0	25

Power Rating: 20mW/°C above 75°C

ULTRAFAST RECTIFIERS - COMMON ANODE

PACKAGE

LCC-6



DEVICE TYPE	PEAK INVERSE VOLTAGE V (MIN)	AVERAGE DC OUTPUT CURRENT mA (MAX) 55°C	FORWARD VOLTAGE DROP 25°C V (max) A (max)	REVERSE CURRENT @ PIV 25°C mA (MAX)	REVERSE RECOVERY TIME n SEC (MAX)
SD5806	150	2.0	0.875 1.0	1.0	25

Power Rating: 20mW/°C above 75°C

Available in common anode (A) and doubler configurations (D).

A - Anode

C - Cathode