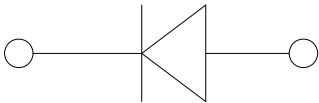
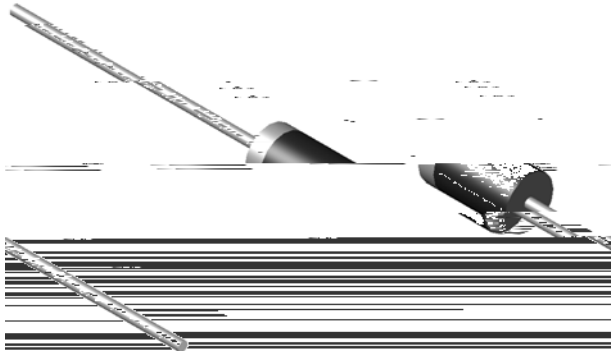


SR1040L THRU SR10100L

RoHS
COMPLIANT



Typical Applications

1. Rectification of AC power lines
& 2. Signal conditioning

Mechanical Data

Package: 2-pin, 5-pin, 10-pin
Terminals: 7L, 5R, 6R, 7D, 5R, 6R, 7D, 5R, 6R, 7D
Polarity: Cathode marked with a dot

Maximum Ratings

PARAMETER	SYMBOL	UNIT	SR1040L	SR1060L	SR10100L
Reverse Voltage	V_R	V	65	65	65
Forward Current	I_F	A	1.0	1.0	1.0
Peak Forward Current	$I_{F(av)}$	A	1.0	1.0	1.0
Power Dissipation	P_D	mW	100	100	100
Junction Temperature	T_J	°C	175	175	175
Storage Temperature	T_{stg}	°C	-65 to 175	-65 to 175	-65 to 175

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	SR1040L	SR1060L	SR10100L
Forward Voltage	V_F	V	$I_F = 1.0$ mA	1.0	1.0	1.0
Reverse Current	I_R	µA	$V_R = 65$ V	10	10	10
Capacitance	C_j	pF	$f = 1$ kHz	5	5	5

1. Reverse current is limited by power dissipation.
2. Storage temperature range is -65°C to 175°C.

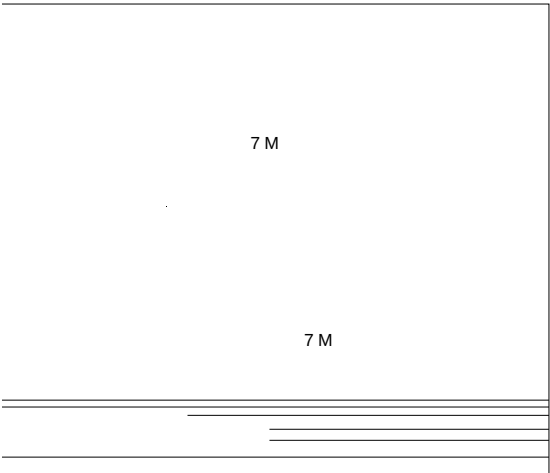
v7KHUPDO &KDUDFWHULVWLFV RWKHUÄLVH VSHFLILHG

3\$5\$0(7(5		6<0%2/	81,7	65 /	65 /	65 /
7KHUPDO 5HVL	VWDQFH	-XQFWLRQ	WR DPELHQW	5 - \$		

v2UGHULQJ ,QIRUPDWLRQ ([DPSON

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65 /a65	/	\$SSUR[LPDWH				
65 /a65	/ &	\$SSUR[LPDWH				

v&KDUDFWHULVWLFV 7\SLFDO



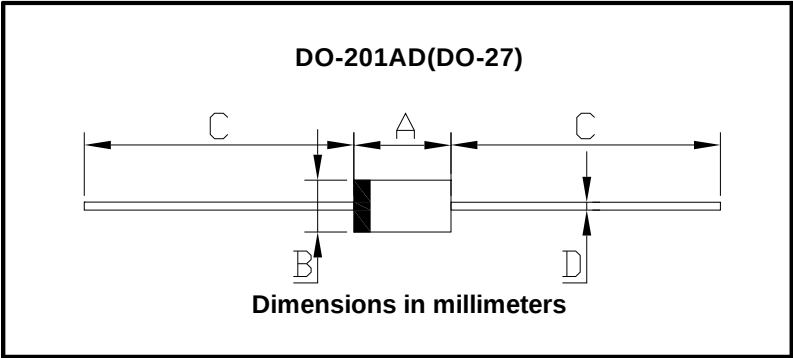
7 M

7 M



SR1040L THRU SR10100L

vOutline Dimensions



DO-201AD(DO-27)		
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SR1040L THRU SR10100L

Disclaimer