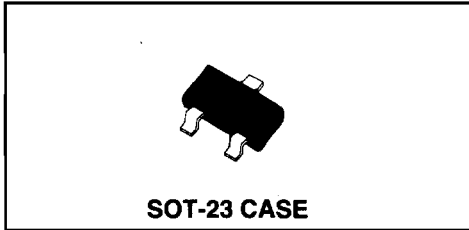


CMPD6263  
 CMPD6263A  
 CMPD6263C  
 CMPD6263S

**SCHOTTKY DIODES**



**DESCRIPTION:**

The CENTRAL SEMICONDUCTOR CMPD6263 Series types are Silicon Schottky diodes designed for low current surface mount fast switching applications requiring a low forward voltage drop.

The following configurations are available:

CMPD6263	SINGLE	<b>MARKING CODE: D76</b>
CMPD6263A	DUAL, COMMON ANODE	<b>MARKING CODE: D98</b>
CMPD6263C	DUAL, COMMON CATHODE	<b>MARKING CODE: D97</b>
CMPD6263S	DUAL, IN SERIES	<b>MARKING CODE: D96</b>

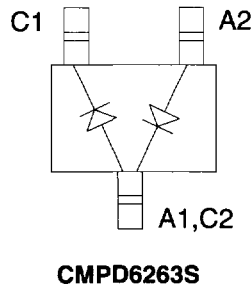
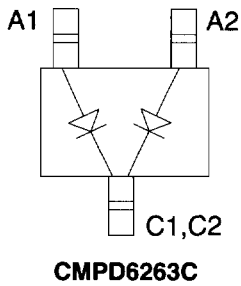
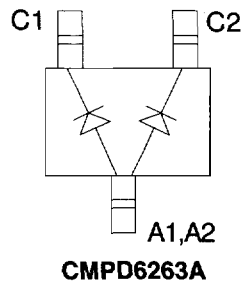
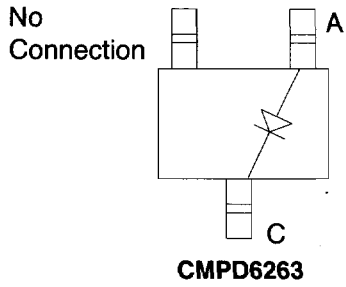
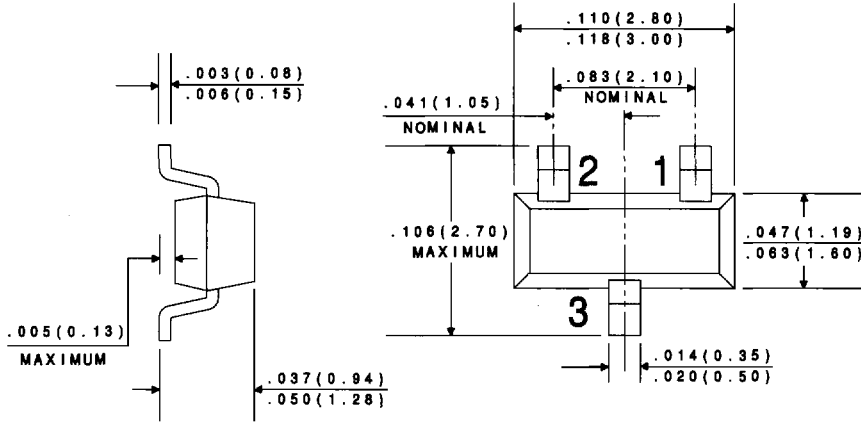
**MAXIMUM RATINGS** ( $T_A=25^{\circ}\text{C}$ )

	<b>SYMBOL</b>		<b>UNITS</b>
Peak Repetitive Reverse Voltage	$V_{RRM}$	70	V
Continuous Forward Current	$I_F$	15	mA
Forward Surge Current, $t_p=1.0$ s	$I_{FSM}$	50	mA
Power Dissipation	$P_D$	350	mW
Operating and Storage			
Junction Temperature	$T_J, T_{stg}$	-65 to +150	$^{\circ}\text{C}$
Thermal Resistance	$\theta_{JA}$	357	$^{\circ}\text{C/W}$

**ELECTRICAL CHARACTERISTICS** ( $T_A=25^{\circ}\text{C}$ )

<b>SYMBOL</b>	<b>TEST CONDITIONS</b>	<b>MIN</b>	<b>TYP</b>	<b>MAX</b>	<b>UNITS</b>
$B_{VR}$	$I_R=10\mu\text{A}$	70			V
$V_F$	$I_F=1.0\text{mA}$		395	410	mV
$I_R$	$V_R=50\text{V}$		98	200	nA
$C_T$	$V_R=0\text{V}, f=1.0\text{MHz}$			2.0	pF

All dimensions in inches (mm).



DATA SHEET

R2