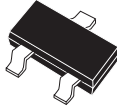


**CMPD6263
CMPD6263A
CMPD6263C
CMPD6263S**

SCHOTTKY DIODES



SOT-23 CASE

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	MARKING CODE: D76
CMPD6263A	DUAL, COMMON ANODE	MARKING CODE: D98
CMPD6263C	DUAL, COMMON CATHODE	MARKING CODE: D97
CMPD6263S	DUAL, IN SERIES	MARKING CODE: D96

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

	SYMBOL		UNITS
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	Θ_{JA}	357	$^{\circ}\text{C}/\text{W}$

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

SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
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).

