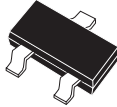


CMPD6263
CMPD6263A
CMPD6263C
CMPD6263S

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
CMPD6263A	DUAL, COMMON ANODE
CMPD6263C	DUAL, COMMON CATHODE
CMPD6263S	DUAL, IN SERIES

MARKING CODE: D76
MARKING CODE: D98
MARKING CODE: D97
MARKING CODE: D96

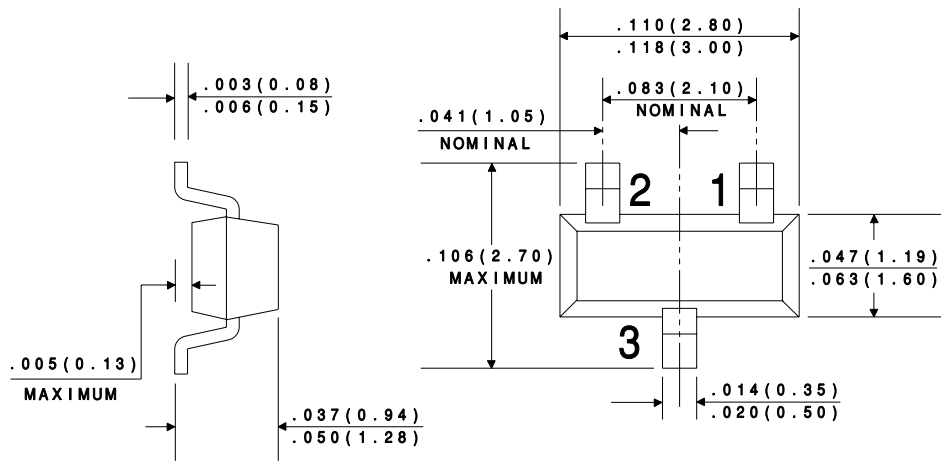
MAXIMUM RATINGS (T_A=25°C)

	SYMBOL		UNITS
Peak Repetitive Reverse Voltage	V _{RRM}	70	V
Continuous Forward Current	I _F	15	mA
Forward Surge Current, tp=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	°C
Thermal Resistance	Θ _{JA}	357	°C/W

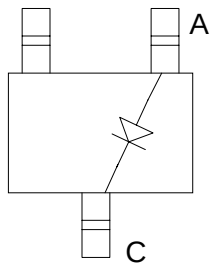
ELECTRICAL CHARACTERISTICS (T_A=25°C)

SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
B _V R	I _R =10μA	70			V
V _F	I _F =1.0mA		395	410	mV
I _R	V _R =50V		98	200	nA
C _T	V _R =0V, f=1.0MHz			2.0	pF

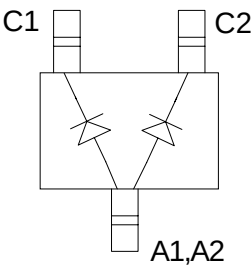
All dimensions in inches (mm).



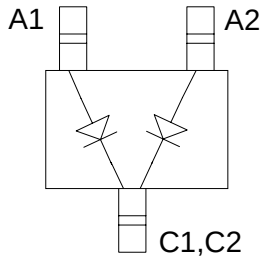
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Connection



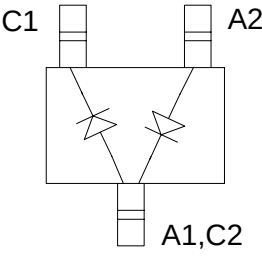
CMPD6263



CMPD6263A



CMPD6263C



CMPD6263S