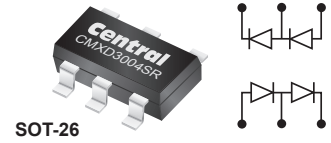


CMXD3004SR

350V, 200mA Dual Pair, In-Series, High Voltage Switching Diodes in SOT-26 package



Central Semiconductor's CMXD3004SR consists of two in-series pairs of high voltage silicon switching diodes, manufactured in an SOT-26 surface mount package. This device is designed for high voltage switching applications where total conduction losses must be minimized.

Features:

- High voltage capability
- Low reverse leakage current
- Fast switching speed
- Low total conduction losses

Applications:

- Voltage multipliers
- Steering diode arrays
- Flyback diodes

Benefits:

- Energy efficiency
- Multiple configurations possible
- Industry standard SOT-26 package

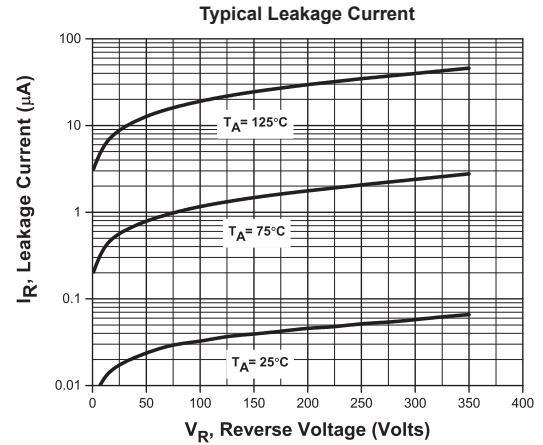
Literature:



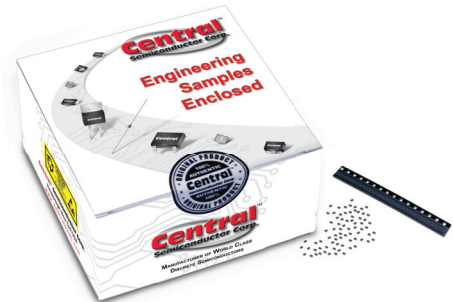
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Typical Electrical Characteristics



Samples:



To order samples of this device visit:
www.centrasemi.com/info/CMXD3004SR

Weblink

Use QR reader for direct link to product web page,
or use: www.centrasemi.com/info/CMXD3004SR

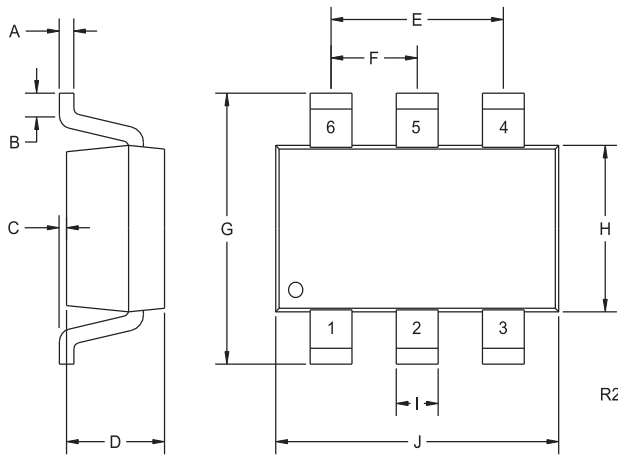


Maximum Ratings ($T_A = 25^\circ C$ unless otherwise noted)					Electrical Characteristics Per Diode: ($T_A = 25^\circ C$ unless otherwise noted)					
V_R	I_O	P_D	T_J, T_{stg}	Θ_{JA}	V_F		@ I_F	I_R	@ V_R	t_{rr}
(V) MAX	(mA) MAX	(mW) MAX	($^\circ C$) MAX	($^\circ C/W$) MAX	(V) TYP	(V) MAX	(mA)	(μA) MAX	(V)	(ns) MAX
350	200	350	-65 to +150	357	0.95	1.0	100	1.0	350	50

CMXD3004SR

350V, 200mA Dual Pair, In-Series, High Voltage Switching Diodes in SOT-26 package

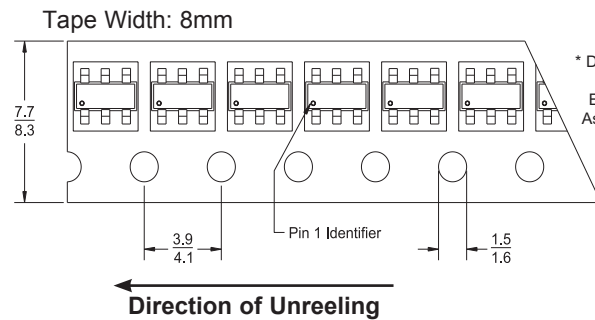
Mechanical Drawing - SOT-26



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.004	0.007	0.11	0.19
B	0.016	-	0.40	-
C	-	0.004	-	0.10
D	0.039	0.047	1.00	1.20
E	0.074	0.075	1.88	1.92
F	0.037	0.038	0.93	0.97
G	0.102	0.118	2.60	3.00
H	0.059	0.067	1.50	1.70
I	0.016		0.41	
J	0.110	0.118	2.80	3.00

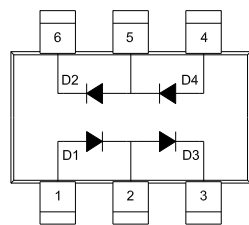
SOT-26 (REV: R2)

Tape Dimensions and Orientation (Dimensions in mm)



* Devices are taped in accordance with Electronic Industries Association Standard EIA-481-1-A

Lead Code



- 1) Anode D1
- 2) Cathode D1, Anode D3
- 3) Cathode D3
- 4) Anode D4
- 5) Cathode D4, Anode D2
- 6) Cathode D2

MARKING CODE:
C34SR

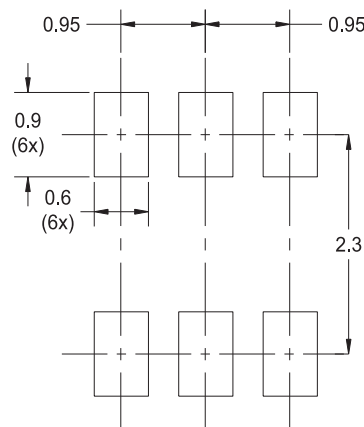
Packaging Base / Ordering Information

Reel Size	Quantity	Central Item No.
7"	3,000	CMXD3004SR TR

Reel Packing Information

Reel Size	Reels per Box (Maximum)	Parts per Box (Maximum)	Box Dimensions		Shipping Weight (Max.)	
			INCH	CM	LB	KG
7"	9	27,000	9x9x5	23x23x13	4	2
	18	54,000	9x9x9	23x23x23	7	4
	40	120,000	21x9x9	53x23x23	14	7
	108	324,000	27x9x17	69x23x43	39	18

Mounting Pad (Dimensions in mm)



Sample devices available upon request. To order samples visit: www.centrasemi.com/info/CMXD3004SR



Innovative Discrete Semiconductors

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(631) 435-1110 or visit our website at:
www.centrasemi.com