YFW
佑风微

2CL4509 DO

High voltage silicon diodes for micro-wave oven

Reverse Voltage – 9kV

Forward Current –450mA

FEATURES

High reliability

MECHANICAL DATA

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Case: Molded Plastic Body

Epoxy meets UL 94V-0 flammability rating

Terminals: Pure tin plated leads, solderable per J-STD-002 and JESD22-B102, E3 suffix for consumer grade, meet JESD201class 1A whisker test.

Polarity: Color band denotes cathode end

F0k

Maximum rating (Ta=25°C unless otherwise noted)

Parameter		Symbol	2CL4509	Unit
Repetitive peak reverse voltage		V_{RRM}	9	KV
Average forward current	60Hz half-sine wave, Resistance load, Ta≤60°C	$I_{F(AV)}$		

Notes :Cooling Requirement: Cathode terminal is fastened to radiating fin that more than 50mm×50mm×0.6mm
Wind-cooled velocity is more than 0.5m/s.

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