

DC/DC CONVERTERS - ENGINEERED TO MEET MEDICAL EQUIPMENT STANDARDS

1W to 10W engineered with 2xMOPP*¹ for critical medical applications



Approvals

IEC/EN/UL 60601-1 3.1 Ed.
IEC/EN/UL 62368-1

High Isolation

5000VAC
6000VDC

2xMOPP*¹

8mm Creepage distance 5mm
Clearance distance

-40 to +105°C²

Operating temperature

5 Years

Warranty

5000m

Operating Altitude

Series	Output Power (W)	Input Range	Input Voltage (VDC)	Output Voltage (VDC)	Efficiency (%)	Leakage Current max. (µA)	Package
12D1C-NM	1	±10%	3.3-24	3.3-24, ±3.3 - ±24	83	2	SIP-7
12D1C-N2M	2	±10%	5-24	5-24, ±5 - ±24	84	2	SIP-7
68DC-RX3M	3	4:1	9-36, 18-75	3.3-24, ±5 - ±15	85	4	DIL 24
68DC-RX4M	4	4:1	9-36, 18-75	3.3-24, ±5 - ±15	85	4	DIL 24
68DC-RX5M	5	4:1	9-36, 18-75	3.3-24, ±5 - ±15	85	4	DIL 24
68DC-RX6M	6	4:1	9-36, 18-75	3.3-24, ±5 - ±15	85	4	DIL 24
68DW10-M	10	4:1	9-36, 18-75	3.3-24, ±5 - ±15	85	10	DIL 24



Note:
 1. 2xMOPP applies to models 68DC-RXXM and 68DW10-M; models 12D1C-NM (1W) and 12D1C-N2M (2W) are designed with 1xMOPP and 2xMOPP.
 2. Derating applies for temperatures above 70°C (model dependent). Please refer to the datasheet for the derating curve and detailed performance.
 3. Specifications are subject to change without notice. Please refer to the official datasheet for the latest and complete specifications.