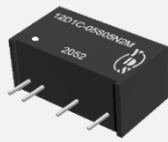
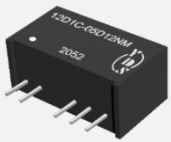


# Engineered to meet medical equipment standards YDS, DC/DC converters

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



## Approvals

IEC/EN/ 60601-1  
ANSI/AAMI ES 60601-1  
IEC/EN/UL 62368-1

## High Isolation

5000VAC  
6000VDC

## 2xMOPP\*1

8mm Creepage distance  
5mm Clearance distance

## -40 to +105°C\*2

Operating temperature

## 5 Years

Warranty

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	2	DIL 24



### Note:

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