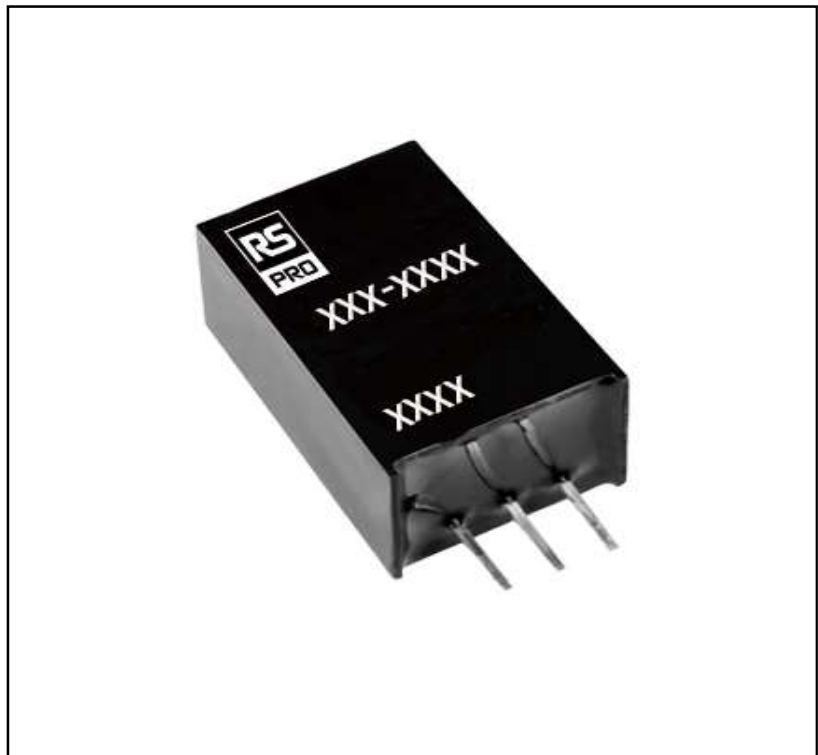


Features

- Low volume
- High efficiency
- High lifespan

RS PRO DC - DC Converter

RS Stock No.: 0633224 0633225 0633226
0633227 0633229



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- Wide input voltage range
- High efficiency up to 97%
- Miniature SIP package
- Low ripple & noise
- Operating temperature -40°C +85°C

Electrical Specifications

RS Stock#	Input Voltage (Vdc)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (Typ)
0633224	4.75-28	3.3	1000	90%
0633225	6.5-32	5	1000	93%
0633226	12-32	9	1000	95%
0633227	16-32	12	1000	96%
0633229	20-32	15	1000	97%

General Specifications

Output Voltage	DC 1.5V;1.8V;2.5V;3.3V;5V;6.5V;9V;12V;15V
Input Voltage Range	DC 4.75V-26V;4.75V-28V;6.5V-32V;9V-32V;12V-32V;16V-32V;20V-32V
Power Rating	See Electrical Specifications
Input Voltage Nominal	See Electrical Specifications
Output Current	1000mA
Mounting Type	SIP
Isolated	Yes
Number of Outputs	1
Output Voltage Adjustment Range	nonsupport
Package	Plastic pipe installation
Isolation Voltage	Non isolated
Width	11.6mm
Depth	17.5mm
Length	9.0mm
Railway Approved	No
Load Regulation	±0.5% Typ
Medical Approved	No

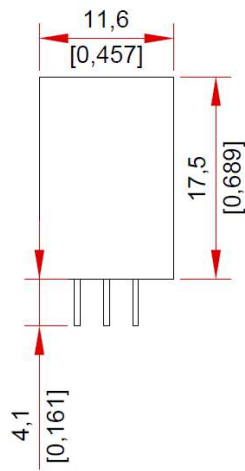
Operation Environment Specifications

Maximum Operating Temperature	85°C
Minimum Operating Temperature	-40°C

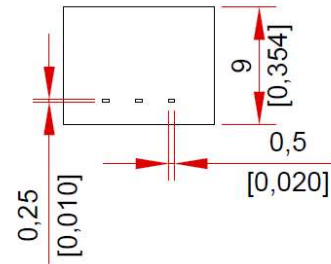
Approvals

Compliance/Certifications	CE
---------------------------	----

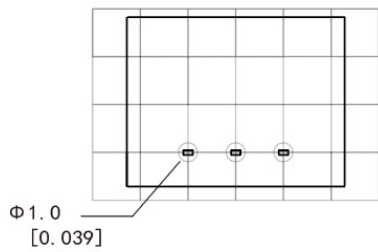
Interview Diagram



Bottom attempting



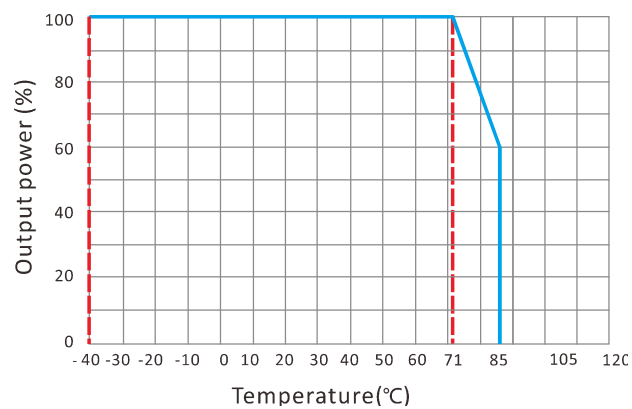
Recommended PCB size diagram



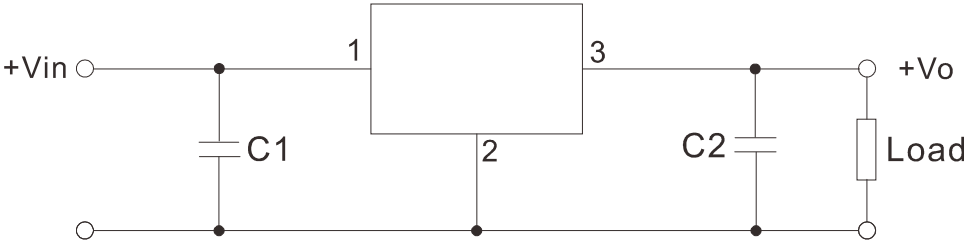
Pin definition

Pin	Single
1	+Vin
2	Gnd
3	+Vo

ELECTRICAL CURVE



RECOMMENDED TEST AND APPLICATION CIRCUIT



C1: Ceramic capacitor, 10uF

C2: Ceramic capacitor, 22uF