

## 33W DC-DC Military Power Module

DC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standard dimensions and interfaces. High power density modules with internal protection features. Small size for special applications.



## Specifications

DESCRIPTION	UNIT	VALUE
Input Voltage	VDC	16-50
Output Voltage	VDC	3.3
Output Current (continuous)	A	10
Output Wattage (continuous)	W	33
Efficiency (Full Load)	%	80
Output Voltage Regulation	mV	250
Max. Output Current	A	10
Max. Output Wattage	W	33
Series Operation	-	Yes
Parallel Operation	-	Yes
Power On Signal (Enable)	-	High
Remote On/Off	-	Yes
Overtemperature Protection	-	Yes
Overvoltage Protection	-	Yes
Overcurrent Protection	-	Yes
Mil-Std-461F	-	Yes
Mil-Std-810G	-	Yes
Mil-Std-704F	-	Yes
Operating Baseplate Temperature	°C	-55 to +100°C
Storage Temperature	°C	-55 to +125°C
Cooling	-	Conduction
Weight	g	12
Size (LxWxH)	mm	16 x 22 x 7.6

## Features

- Input Voltage: 16-50 VDC
- Output Voltage: 3.3 VDC
- Output Power: 33 Watt
- Efficiency: %80
- Dimensions: 16 x 22 x 7.6 mm
- Power Density: 195 W/in<sup>3</sup>
- Input/Output Isolation: 2 kV
- Series, Parallel
- Qualification Tests:  
MIL-STD-461F, MIL-STD-810G, MIL-STD-704F