

Features

- Operating case temperature -60...+130 °C
- For DC network 0-50 VDC, 1s 80 VDC transient
- Nominal current up to 15 A
- Case dimensions: 76.3 x 38.2 x 10.16 (mm)

Description

JETPTF20 - protection and filtration modules (filters) for harsh environment replacing **DVME28** are designed to operate in DC networks and to protect analog and digital equipment from surges and to filter noises in the input and output circuits of the modules and power supply units. Filters are suitable for all types of applications and feature wide temperature range that allows their application in equipment designated for different climatic conditions, including high humidity. High reliability is guaranteed by using the newest component base. Amorphous nanocrystal line cores in common mode chokes provide reliable noise filtering and temperature stability. Maximum effect is achieved when combining the application of these filters with DC/DC power supplies produced by AEPS-group.

Input "27W" - DVME28 repl.		
Model	Input voltage range	Rated current
JETPTF20-27W-PX1 (DVME28)	0-50 VDC 80 VDC 1s transient	15.00 A

JETPTF20-PX1 (DVME28)

General specifications		
Temperature ranges	operating case temp.	-60° C to +130° C
	storage temp.	-60° C to +130° C
Thermal mode and cooling method		conductive via heatsink or natural convection
Humidity (non-condensing)		5-95 % rel. H
Insulation	input/case, output/case	1000 VDC
Isolating resistance @ 500 VDC		>20 MOhm
Thermal shock, mechanical shock & vibration		MIL-STD-810F
Safety standards		IEC/EN 60950-1
Typical MTBF	Tcase = 50° C	400 000 hrs
Weight (max)		45 g
Output specifications		
Insertion loss in frequency range	0.15-0.3 Mhz	≥15 dB
	0.3-1 Mhz	≥35 dB
	1-10 Mhz	≥55 dB
	10-30 Mhz	≥50 dB
Filter voltage drop		≤1,2 VDC

Additional ordering information:

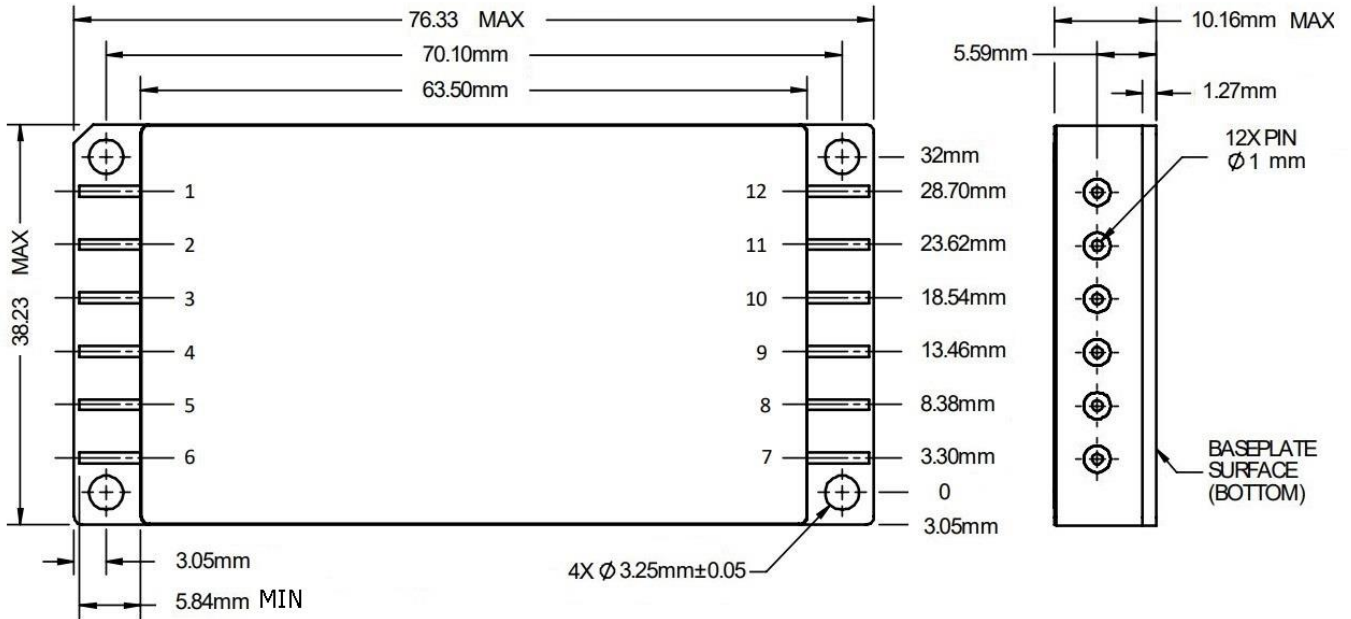
- 1) Please contact the tech. team at www.aeps-group.com for more information.
- 2) All specifications are valid for normal climatic conditions, nominal output voltage and current, unless otherwise stated.

JETPTF20-PX1 (DVME28)

Dimensions

1, 2, 3	4, 5, 6	7, 8, 9	10, 11, 12
28V IN	IN COM	OUT COM	28V OUT

Dimensions in millimeters, PCB mounting only, tolerance ± 0.2 mm.



Additional information

After ordering the product - the customer is fully responsible for applying the product in strict compliance with mentioned rules and principles of use in the product datasheet and reference technical material (RTM) which is downloadable at www.aeps-group.com.

Please, note that all information in this material is for reference only. Further detailed information (including: additional requirements, manuals and circuit schemes, etc.) is found at www.aeps-group.com or provided via an email request at aeps@aeps-group.cz. All pictures shown are for illustration purpose only, actual product appearance may vary, incl. inner components choice and placement and connectors placement.

According to company's policy in view of constant improvements of the production design the manufacturer reserves the right to change the contents of specifications and promotional materials without prior notice! Make sure you are using the latest documentation downloadable at www.aeps-group.com.

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