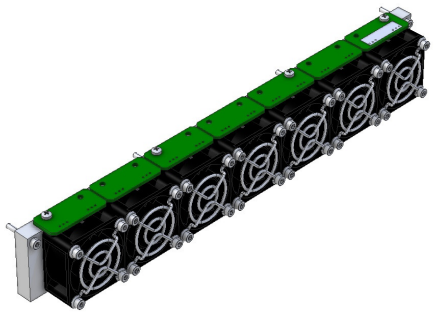
SC-C300V40/12

fan module for extruded heatsinks

PRELIMINARY TECHNICAL INFORMATION

HIGHLIGHTS

- Standard for extruded heatsinks: RG14092
- Polarity protection
- High reliability and performance
- Easy and neat assembly



non-contractual image

TECHNICAL SPECIFICATIONS

Description		*notes/test conditions*	*min*	*typ*	*max*	
Input supply voltage	$V_{IN\ DC}$		11.3	12	13.2	V_{DC}
Input supply current	$I_{IN\ DC}$			1106	1239	mA
Power consumption	P_N			13.27		W
Rated speed		±10%		8200		rpm
Air Flow		Free air		1.93		m^3/min
Static Air Pressure		Free air		88.8		Pa
Noise Level		per fan		37.5		dBA
Storage Temperature	T_{stg}	65% RH	-40		70	ºC
Operating Temperature	T_{op}	65% RH	-10		70	ºC
Failure Rate		40ºC / 65% RH		70000		h

Data at T_a = 25 °C, V_{IN} = 12 V_{DC} and rated values, unless otherwise indicated

MECHANICAL DIMENSIONS

Description		
Module dimensions	300x40x35	mm
Fixations	4x DIN912 M3x40	
Weight (aprox)	420	g

CONNECTIONS

Description	*notes/test conditions*	*min*	*typ*	*max*	
Supply Connector (cable socket)	Type KK 6471 2.54 (Molex: 22-01-2025)				
Mate Connector (PCB header)	Type KK 6410 2.54 (Molex: 22-27-2021)				
Cable section		30	26	22	AWG

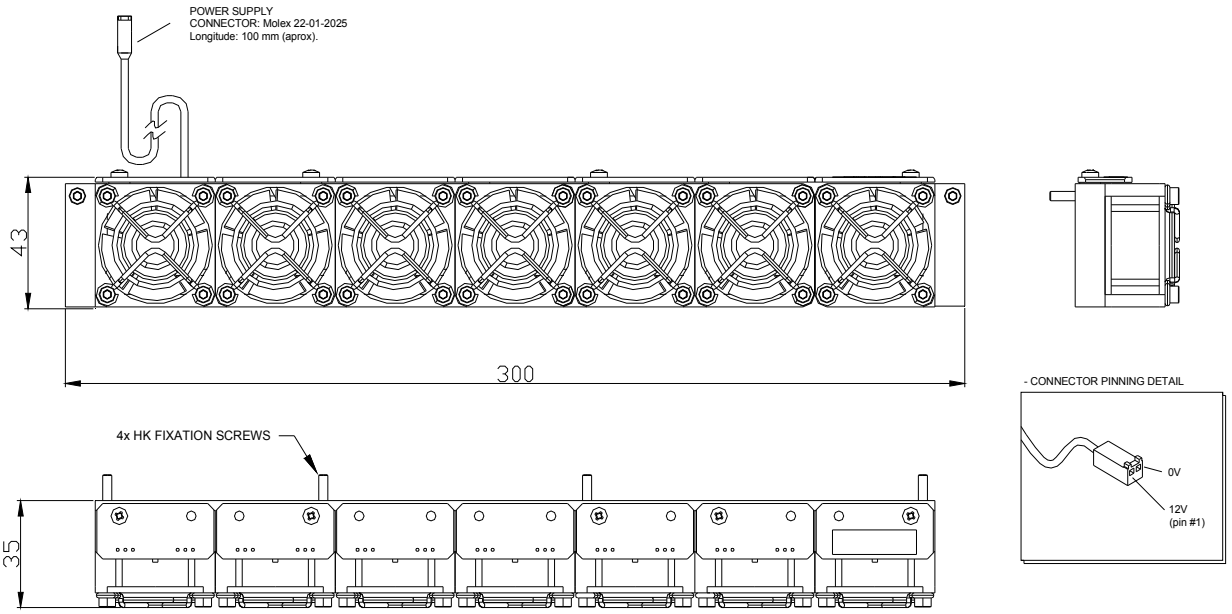
CONFORMALS

Conformal coating		MIL-1-46058, Type UR
Security	TUV	EN60950-1, UL60950-1
Electromagnetic Compatibility	CE	EN 61000-6-1:2007, EN 61000-6-3:2007

151103 Rev.:1

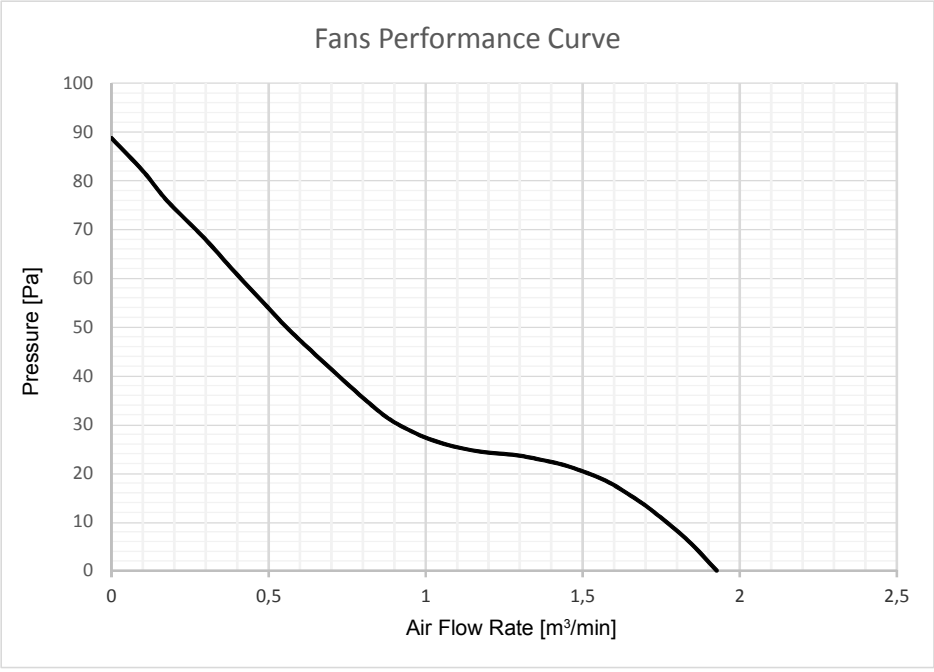
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MECHANICAL DIMENSIONS AND PINOUT



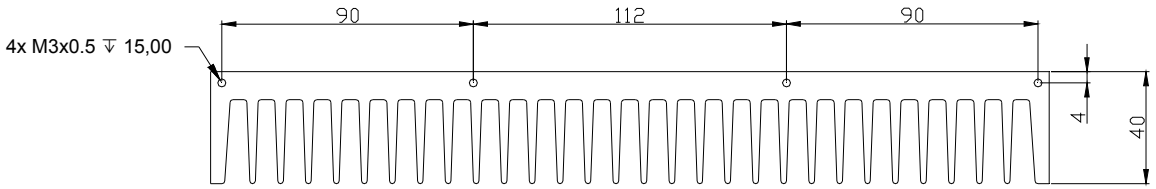
All dimensions in mm.

FAN MODULE PERFORMANCE CURVE

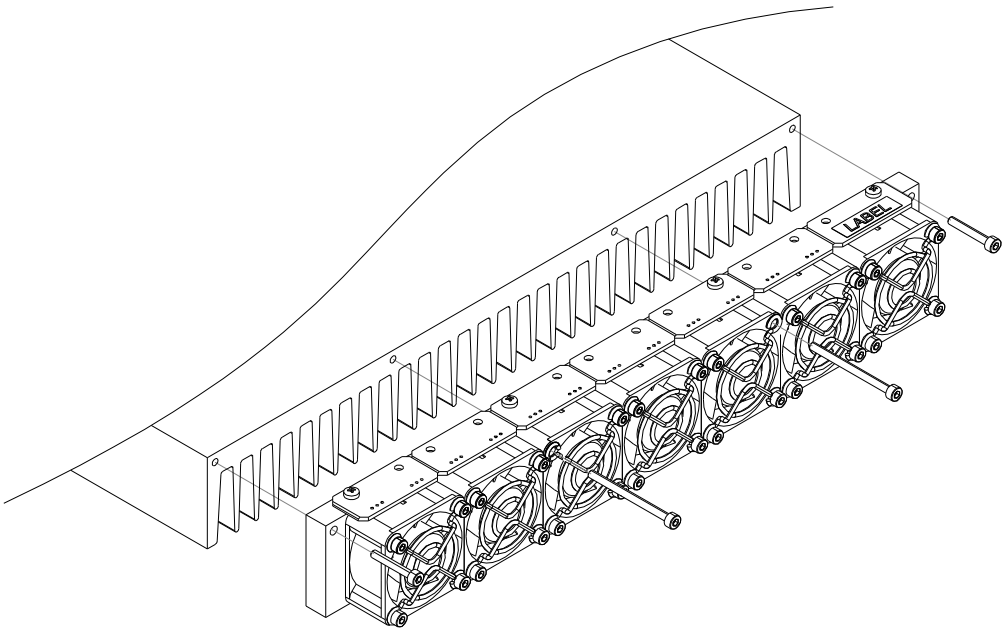


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RECOMMENDED HEATSINK DRILLING FOR MODULE FIXATION



HEATSINK: RG14092



All dimensions in mm.

Fan module's fixation with the heatsink is made by 2 Allen screws DIN 912 M03x20 (on extremes) and 2 Allen screws DIN 912 M03x40 passing though the fan. All the necessary mounting hardware is provided with the fan module.

SC-C300V40/12 fan module is prepared to work with 40 mm extruded heatsinks as e.g. RG14092.

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Cost Effective Products

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