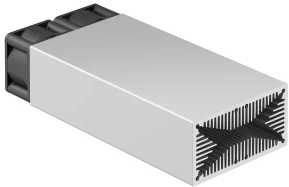


Data sheet Product LAM 4 D 50 12

Cooling aggregates>Miniature cooling aggregates

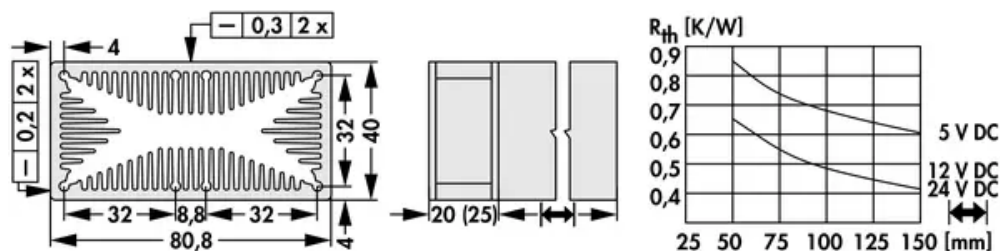
40 x 80.8 mm, with axial fan, integrated clamp



Features

width:	80.8 mm
height:	40 mm
length:	50 mm
thermal resistance:	1.15 - 0.65 K/W
operating voltage of the fan motor:	• 5 V DC • 12 V DC • 24 V DC
surface:	natural colour anodised

Technical Drawing



Fan

type:	ebmpapst 405
dimensions:	40x40x20 mm
tension:	5 V DC

power inout:	0.9 W
max. air volume:	10 m³/h
temperature range:	-20°C... +70°C
noise level:	18 dB(A)
speed:	6,000 min⁻¹
weight:	27 g
failure rate (L ₁₀):	L₁₀ < 50,000 h (40°C) L₁₀ < 20,000 h (tmax)
type:	ebmpapst 412 JHH
dimensions:	40x40x25 mm
tension:	12 V DC
power inout:	3.3 W
max. air volume:	24 m³/h
temperature range:	-20°C... +60°C
noise level:	46 dB(A)
speed:	13,000 min⁻¹
weight:	50 g
failure rate (L ₁₀):	L₁₀ < 57,500 h (40°C) L₁₀ < 35,000 h (tmax)
type:	ebmpapst 414 JHH
dimensions:	40x40x25 mm
tension:	24 V DC
power inout:	3.6 W
max. air volume:	24 m³/h
temperature range:	-20°C... +60°C
noise level:	46 dB(A)
speed:	13,000 min⁻¹
weight:	50 g

failure rate (L_{10}):

$L_{10} < 57,500 \text{ h (40°C)}$

$L_{10} < 35,000 \text{ h (tmax)}$

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