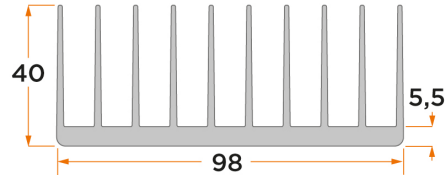


# Product Data Sheet Type: PR182

Group: HEATSINKS Extrusions

Flatback/ ridged profiles

Width : 98 mm  
 Height : 40 mm  
 Base height : 5.5 mm



Extruded heat sink profile with fins on one side (ridged profil)

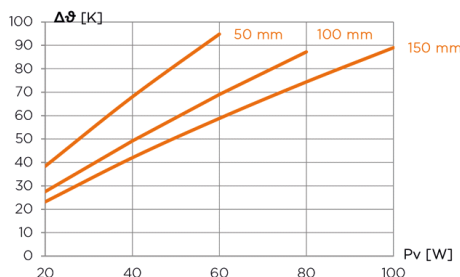
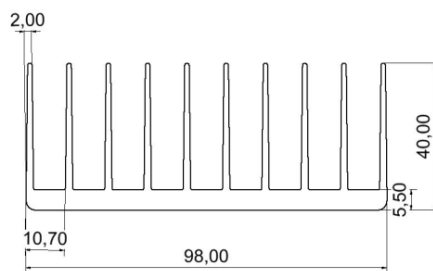
Surface: AL= Untreated aluminium, SE= anodised black, NE= anodised colourless, CR Chromated- colourless (Chrom6-free, RoHS conform)  
 Alloy: AlMgSi 0,5 F22

Standard tolerances (if not otherwise required):  
 Extrusion tolerances for aluminium profiles: DIN 1748 - section 4 and DIN 17615 - section 3 respectively. DIN ISO 755 - 9 and DIN ISO 12020 - 2 respectively.  
 Machining tolerance: DIN 2768 m

Finishing to your specification  
 Length, milling, surface refinement, including mounting-, insulation-, thermal interface accessories

Additional information:  
 Measurement conditions for the values in the thermal diagram are described at '[www.alutronic.com/service/thermal-measurments](http://www.alutronic.com/service/thermal-measurments)'

General information for designing your heat sink solution you will find at '[www.alutronic.com/service/technical-information](http://www.alutronic.com/service/technical-information)'



Pv [W]	RthK [K/W]		
	50	100	150
20	1,92	1,38	1,16
40	1,70	1,23	1,05
60	1,58	1,15	0,98
80		1,09	0,93
100			0,89
mm	50	100	150
kg/m	3,04		