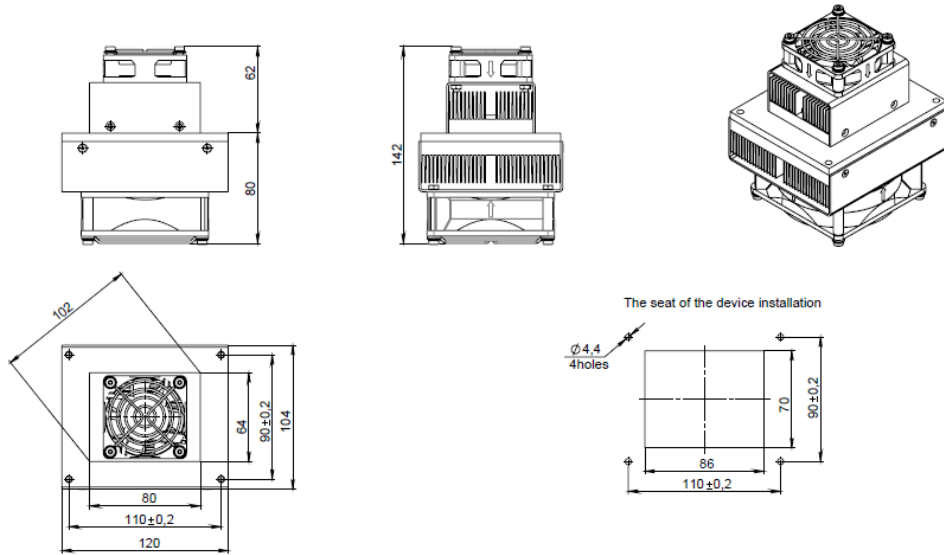


TECU-FF-50-12-1 FM 202.058

Scientific & Production Firm "MODUL" (Thermoelectric modules & Thermoelectric semiconductor materials)
 63, Chervonotkatska Str., 02094, Kyiv, Ukraine
 Tel: +380-44-593-87-40, +380-44-593-87-43, Fax: +380-44-593-87-46
 E-mail: Modul@modulua.kiev.ua [http:// www.spf-modul.com](http://www.spf-modul.com)

Geometric properties



Dimensions and weight:

Parameter	Unit	Value
Length	mm	120
Width	mm	104
Height	mm	142
Wires length	mm	300
Wires cross section	mm ²	0,5; 0,2
Weight	kg	1,3

Tolerances for thermal and electrical parameters ± 10%

General properties:

Parameter	Unit	Value
Nominal operating voltage	VDC	12,0
Operating current (at ambient temperature 35 °C)	Amps	6,0
Start current (at ambient temperature 35 °C)	Amps	6,5
Cooling power (acc. to test L35/L35 DIN 3168)	W	45
Operating temperature range	°C	-20...+70
Noise	dB(A)	44
IP protection for sealing interface		IP54
IP protection for internal circuit		IP54
IP protection for external circuit		IP54
Compliance with RoHS		Yes

Parameters graph:

