

## HI-TEMP FAN HEAT SINK – FEX Series

### High Operating Temperature Integrated Fan Heat Sinks

#### DESIGN FEATURES

- Industry-leading maximum operating temperature of 90°C
- Compatible with 35x35 mm and 40x40 mm chipset footprints
- Common 5VDC @ 0.5 A (max) USB 2.0 fan electrical specifications
- Extruded crosscut fins heat sink



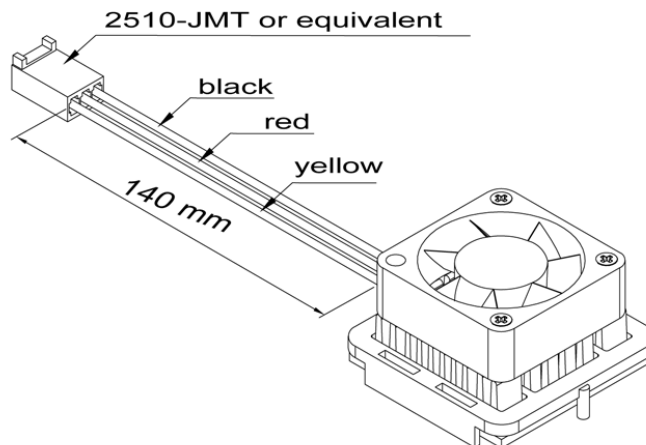
#### DESCRIPTION

The **FEX** series for integrated-fan heat sinks is uniquely designed to absorb and disperse heat away from high temperature devices while offering key features such as an operating temperature range of -10°C to 90°C, calculated MTTF @ 90°C: 86,858 hours (GEM, 90% confidence) and low profile to fit applications with space constraints.

CTS' series of hi-temp fansinks maintain superior thermal dissipation for devices that emit high amount of heat. Our fansinks are available a wide range of footprints and fin heights which make them suitable for many elevated temperature applications such as component testing, burn-in, high density servers, high- speed computing and video, and use in areas where the system airflow is constrained.

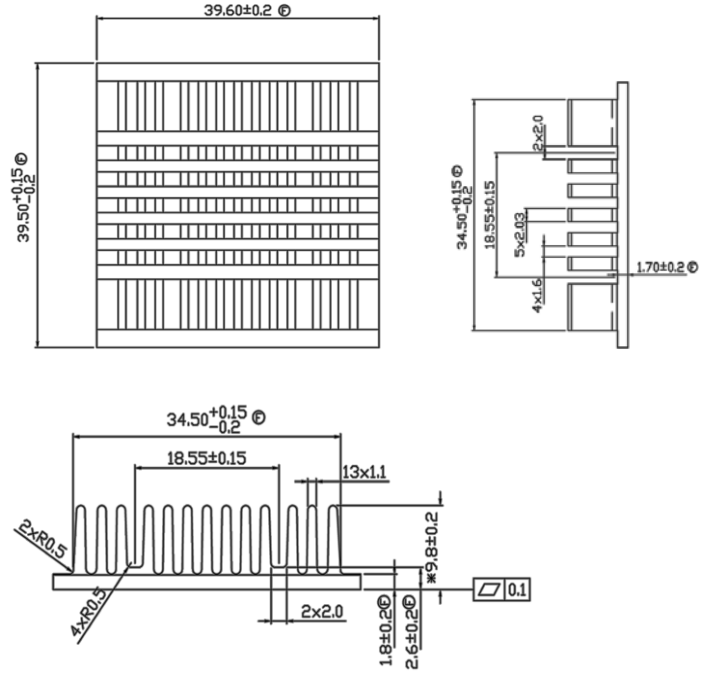
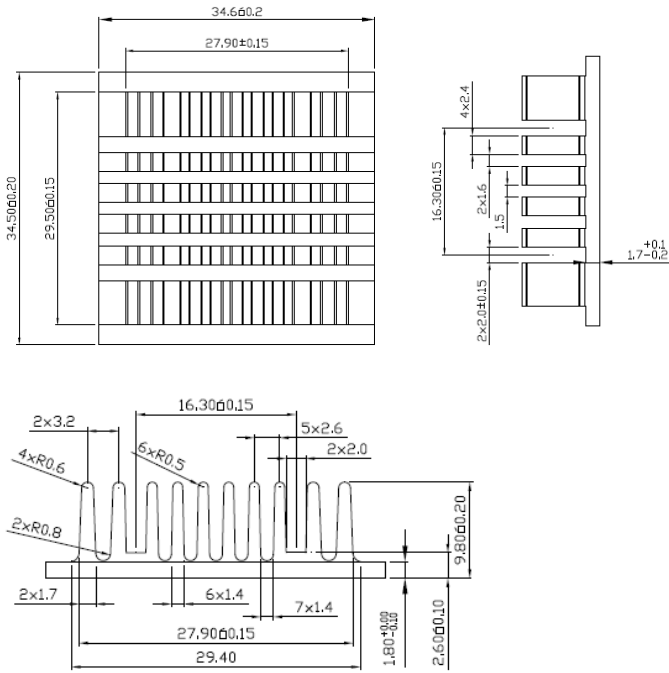
Part Number	Length x Width x Height (mm)	Thermal Resistance (R <sub>TH</sub> )
FEX35-35-21	35 x 35 x 21.0 +/- 0.5	1.92
FEX35-35-21/M2	39.2 x 37.2 x 21.0 +/- 0.5 (with clip)	
FEX40-40-21	40 x 40 x 21.2 +/- 0.5	1.79
FED40-40-21/M2	44.2 x 42.7 x 21.2 +/- 0.5 (with clip)	

#### PACKAGE

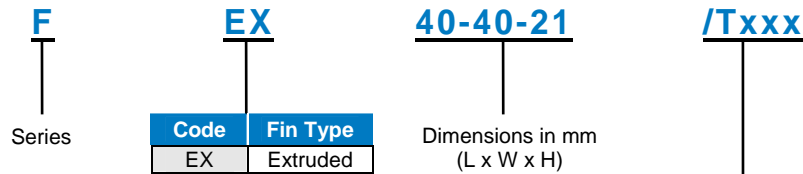


## FEX 35-35-21

## FEX40-40-21



## ORDERING INFORMATION



Thermal Tape (only)	
Code	Specifications
/A01	CTS Double-sided Kapton®
/T410 /T411 or /T412	Chomerics Thermattach®
/A21	3M™ 8815

Both (Thermal Tape and Clip Mount)	
/Tape code/Clip code	
Example: The above fansink with T710 and M2 clip is FEX40-40-20/T710/M2	