USB 3.1 Filter

KEN-127-02

KEY FEATURES

- Plug & play USB 3.1 EMC filter
- Compatible with USB 3.1 signals (up to 10Gbps)
- Reversible as using USB-C connectors
- EMC filtering
- 100W power rating

ELECTRICAL CHARACTERISTICS

PARAMETER	MIN	TYP	MAX	UNIT
Supply Voltage	---	20	100	V
Maximum Load Current	---	---	5	A
Ambient Temperature Range	0	---	60	°C
Filtering performance at 100MHz[1]	---	90	---	ohm

[1]Filtering performance graphs available on request

SAFETY

OPERATING TEMPERATURE

The operating temperature range is -20°C to 40°C.

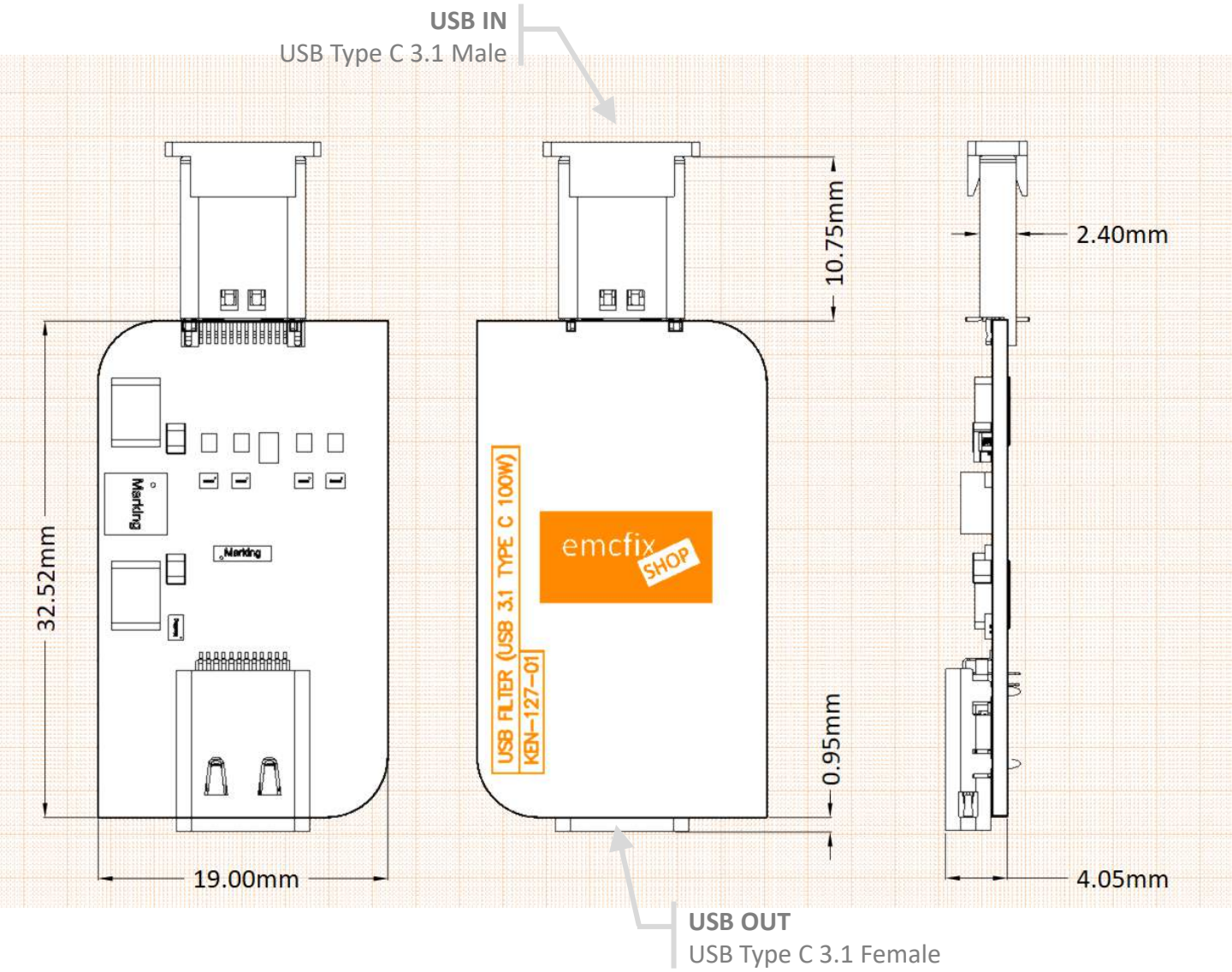
STORAGE TEMPERATURE

The storage temperature range is -20°C to 85°C

APPROVALS

RoHS *WEEE* *CE* *UKCA*

V1.0 – March 2025


USB IN
USB Type C 3.1 Male
10.75mm
2.40mm
32.52mm
Marking
Marking
USB FILTER (USB 3.1 TYPE C 100W)
KEN-127-01
emcfix
SHOP
0.95mm
19.00mm
4.05mm
USB OUT
USB Type C 3.1 Female