

SPECIFICATION

Spec. No.

Issue Date

2020.07.03

Attn:

Product name

Auto Focus Voice Coil Motor

TDK Model No.

TVF-8100KA

Notes:

Customer Approval

Signature

Date



Sales department

App.	PIC

Design department

App.	Con.	PIC

台灣東電化股份有限公司
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TDK Model NO. TVF-8100KA

TDK TAIWAN CORP. VCM Project

1.Application Range

These specifications specify general specifications and performance of Actuator of Mobile Camera Module °

2.Description

Our part No. in this specifications

T D K No. TVF-8100KA

3.Related Specifications

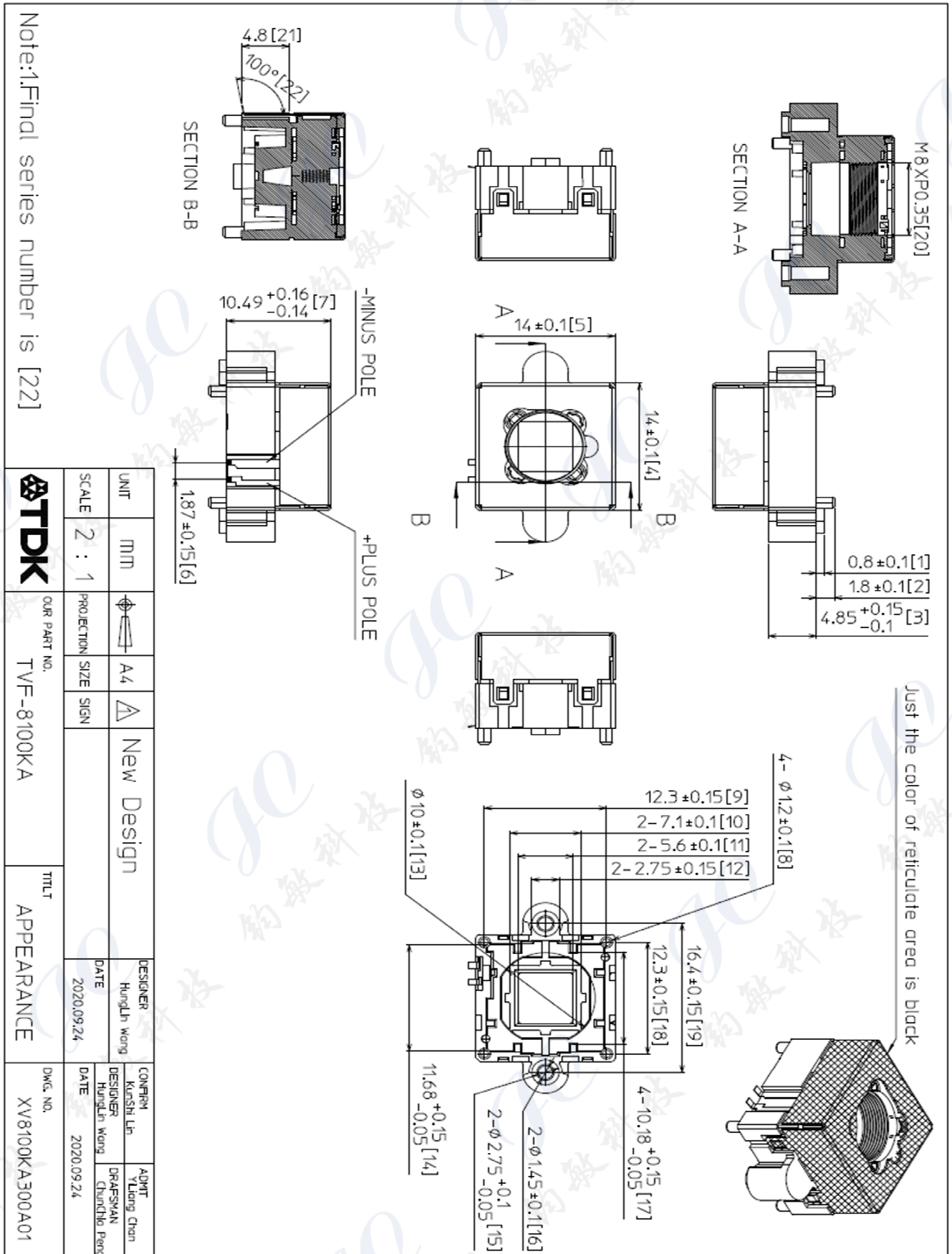
All parts including glue and solder of TDK VCM-TVF-8100KA fit into RoHS .

4.Contents

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Department in Charge	Record Date	Specifications No.
Sensor Actuator (B538)	2020.07.03	0

1 · Appearance and Dimensions



SPECIFICATIONS

Target	No.	TVF-8100KA
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3 .Performance Specifications (With 0.6g lens)

No.	Items	Specifications	Condition
1	Maximum allowable Current	150mA Max.	Reference
2	Sensitivity	4.15~9 $\mu\text{m}/\text{mA}$	
3	Rated Stroke	$\geq 0.33\text{mm}$	
4	Starting Current	15~35 mA	Optical Axis: +Y direction
5	Moving Tilt	$\leq 21'$	0~0.33mm Optical Axis : +Z direction

Actuator Polarity

Lens shift upward (+Z direction) with supply. positive(+) voltage to focus+ terminal.

4 .Performance Diagram

