

1

2

3

4

5

6

7

8

A

B

C

D

E

F

STRAIGHTNESS & FLATNESS TOLERANCE

CLASS

L ≤ 10

10 < L ≤ 30

30 < L ≤ 100

100 < L ≤ 300

300 < L ≤ 1000

1000 < L ≤ 3000

PERPENDICULARITY TOLERANCE

CLASS

L ≤ 100

100 < L ≤ 300

300 < L ≤ 1000

1000 < L ≤ 3000

ANGLE TOLERANCE

CLASS

L ≤ 10

10 < L ≤ 30

30 < L ≤ 100

100 < L ≤ 300

300 < L ≤ 1000

1000 < L ≤ 3000

STANDARD DIMENSION RANGE

CLASS

L < 0.2

0.2 ≤ L ≤ 0.5

0.5 < L ≤ 3

3 < L ≤ 6

6 < L ≤ 10

CHAMFER TOLERANCE

CLASS

L < 0.2

0.2 ≤ L ≤ 0.5

0.5 < L ≤ 3

3 < L ≤ 6

6 < L ≤ 10

LENGTH TOLERANCE

CLASS

L ≤ 10

10 < L ≤ 30

30 < L ≤ 100

100 < L ≤ 300

300 < L ≤ 1000

1000 < L ≤ 3000

OLD DRAWING NO.

NO.

PART DESCRIPTION

MODEL NUMBER

QU.

NOTE

ABSOLUTE MAX. RATING / 最大定格

DC24V

Total Power / 消費電力合計

6.9W

Mass / 質量

M12 Male Connector

Ref. Drawing

No

Assign

Wire Color

1

2

3

4

1

2

3

4

1

2

3

4

85

83 (Lighting Area)

75 (Lighting Area)

95

50

5

2x Ø4.5 THRU ALL

5.1

Ø4

(500)

15

2

3

4

5

6

(20)

(60)

Cable Label

7

6

5

4

3

2

1

LED(WHITE)

HOUSING

DIFFUSER PLATE

CABLE

CABLE LABEL

CONNECTOR

Domon

Okazaki

'25.05.15

土門

'25.05.15

達

FINISH

SURFACE

MATERIAL

CHAMFER

TOLERANCE CLASS

SCALE

UNIT:mm

MORITEX

A Cognex Company

MODEL NAME

CV-FL-83X75W-M12

PART NAME

OUTLINE DRAWING

DRAWING NO.

A21820A0100901A-001

SHEET

1/1