STRAIGHTNESS & FLATNESS TOLERANCE	CLASS	NOMINAL LENGTH L ≤ 10	10 < L ≤ 30	30 < L ≤ 100	100 < L ≤ 300	300 < L ≤ 1000	1000 < L ≤ 3000
	H	±0.02	±0.05	±0.1	±0.2	±0.3	±0.4
	K	±0.05	±0.1	±0.2	±0.4	±0.6	±0.8

PERPENDICULARITY TOLERANCE	CLASS	NOMINAL LENGTH ON SHORTER SIDE L ≤ 100	100 < L ≤ 300	300 < L ≤ 1000	1000 < L ≤ 3000
	H	±0.2	±0.3	±0.4	±0.5
	K	±0.4	±0.6	±0.8	±1.0

ANGLE TOLERANCE	CLASS f m	LENGTH OF SHORTER SIDE OF ANGLE L ≤ 10	10 < L ≤ 50	50 < L ≤ 120	120 < L ≤ 400	400 < L
		±1°	±30' (±0.5°)	±20' (±0.333°)	±10' (±0.166°)	±5' (±0.083°)

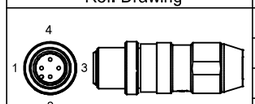
ORIGINAL SHEET FORMAT SIZE : A3

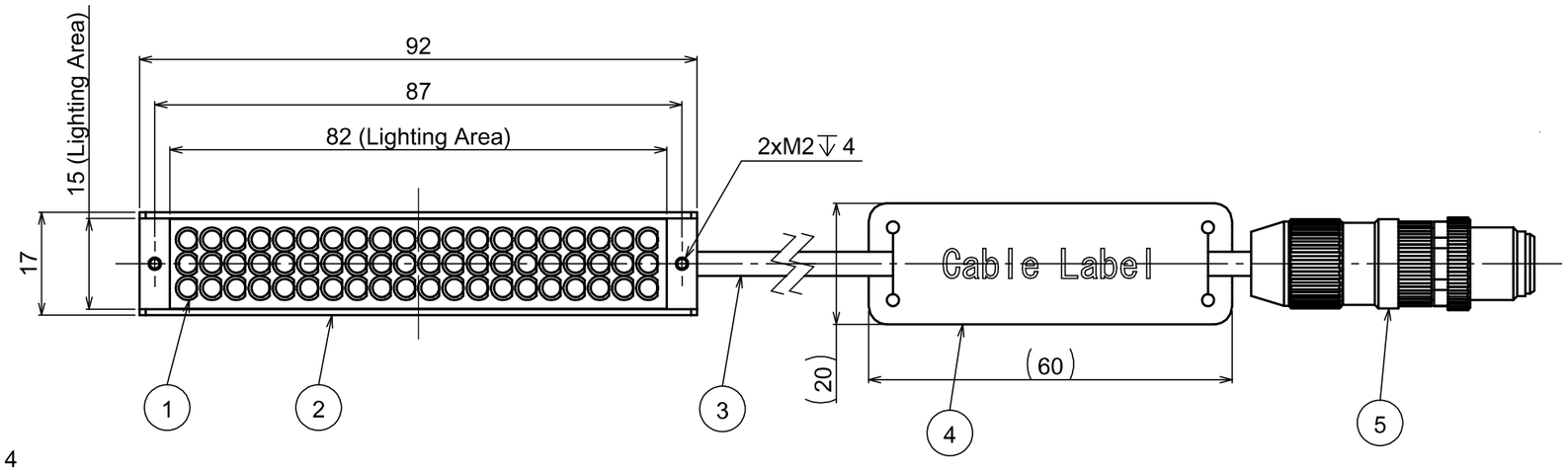
CHAMFER TOLERANCE	CLASS f m	STANDARD DIMENSION RANGE L < 0.2	0.2 ≤ L < 0.5	0.5 < L ≤ 3	3 < L ≤ 6	6 < L
		IN DRW.	±0.1	±0.2	±0.5	±1.0

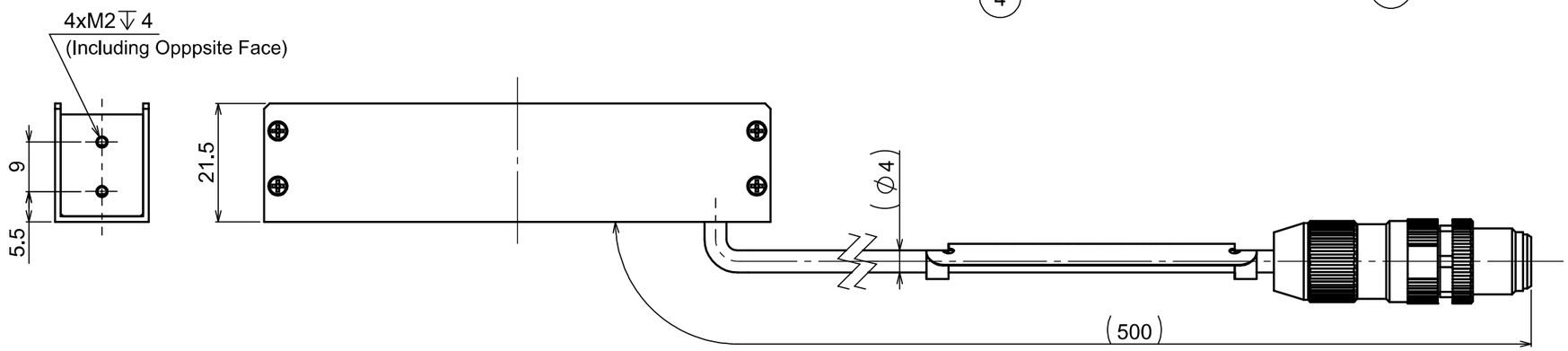
LENGTH TOLERANCE	CLASS f m	STANDARD DIMENSION RANGE L < 0.2	0.2 ≤ L < 6	6 < L ≤ 30	30 < L ≤ 120	120 < L ≤ 400	400 < L ≤ 1000
		IN DRW.	±0.05	±0.1	±0.1	±0.2	±0.3
			±0.1	±0.2	±0.3	±0.5	±0.8

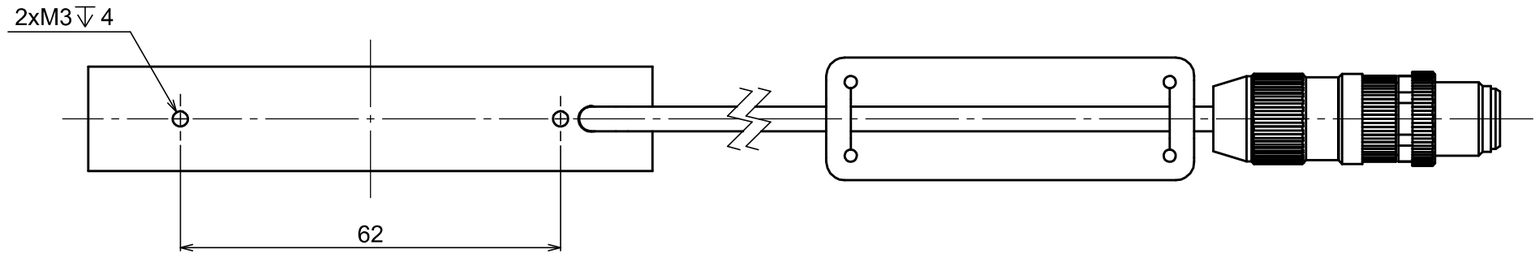
Absolute Max. Rating / 最大定格	DC24V
Total Power / 消費電力合計	2.8W
Mass / 質量	-

M12 Male Connector

Ref. Drawing	No	Assign	Wire Color
	1	+V	Red/Brown
	2	NC	
	3	-V	Black/Blue
	4	NC	







NO.	PART DESCRIPTION	MODEL NUMBER	QU.	NOTE
6				
5	CONNECTOR	M12 MALE	1	
4	CABLE LABEL		1	
3	CABLE		1	
2	HOUSING		1	Aluminium Alloy / Glass Bead Blasted Black Anodizing
1	LED(BLUE)		60	

MARK	COM-REV	DATE(YMD)	CHANGE	SIGNATURE
	A-001	2024.Oct.08	NEW	-

DESIGNED	DRAWN	CHECKED	APPROVED
Tatsu	Suzuki	'24.10.08	'24.10.09

FINISH -
SURFACE -
MATERIAL -
CHAMFER -
TOLERANCE CLASS -
SCALE 1:1

UNIT:mm

MORITEX
A Cognex Company

MODEL NAME
CV-BA-82X15B-M12
(IMC-BA-82X15B-M)

PART NAME
OUTLINE DRAWING

DRAWING NO. A21807A0101001A-001

SHEET 1/1

OLD DRAWING NO.