

Technical drawing of a cable assembly, showing two views: a top view and a side view. The drawing includes dimensions, tolerances, and a parts list.

Top View:

- Shows a circular base with a diameter of $\phi 32$ and a central hole with a diameter of $\phi 10$.
- Four mounting holes are located at a pitch diameter (PCD) of 20, with a hole diameter of $4 \times M3 \downarrow 4$.
- The base is chamfered at 45° on two opposite sides.
- A cable extends from the center of the base, passing through a cable label holder.
- The cable label holder has a length of 60 and a width of 20.
- The cable extends further to a connector.

Side View:

- Shows the profile of the cable assembly.
- The cable has a diameter of $\phi 4$ and a length of 500.
- The cable label holder has a height of 16.
- The cable extends to a connector.

Parts List:

CLASS	STANDARD DIMENSION RANGE	NO.	PART DESCRIPTION	MODEL NUMBER	QU.	NOTE
L < 0.2	0.2 ≤ L	6				
6 < L	6 ≤ L	5	CONNECTOR	M12 MALE CONNECTOR	1	
30 < L	30 ≤ L	4	CABLE LABEL		1	
120 < L	120 ≤ L	3	CABLE		1	
400 < L	400 ≤ L	2	HOUSING		1	Aluminium Alloy / Glass Bead Blasted Black Anodizing
		1	LED (RED)		30	

Dimensions and Tolerances:

- Length of shorter side of angle: $L \leq 10$, $10 < L \leq 50$, $50 < L \leq 120$, $120 < L \leq 400$, $400 < L$.
- Angle tolerance: $\pm 1^\circ$.
- Standard dimension range: $L < 0.2$, $0.2 \leq L$, $6 < L$, $30 < L$, $120 < L$, $400 < L$.
- Chamfer tolerance: ± 0.05 , ± 0.1 , ± 0.2 , ± 0.3 , ± 0.5 , ± 0.8 .

Notes:

- Original sheet format size: A3.
- Old drawing no.:

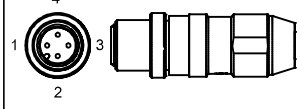
Signature and Date:

DESIGNED	DRAWN	CHECKED	APPROVED
Tatsu	Okazaki	'24.09.25 土門	'24.09.26 達

Material and Finish:

- Material: Aluminium Alloy / Glass Bead Blasted Black Anodizing.
- Finish: -

Connector Information:

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

Rating and Power:

Absolute Max. Rating / 最大定格	DC24V
Total Power / 消費電力合計	0.9W
Mass / 質量	-

Scale: 1:1