

Technical drawing of the CV-CX-94X60X58B-M12 Outline Drawing, showing three views (Top, Front, and Side) and a detailed view of the M12 Male Connector.

Top View Dimensions:

- Overall Width: 94
- Overall Height: 60
- Effective FOV (Field of View) Width: 32
- Effective FOV Height: 36
- Mounting Hole (4xM4) Diameter: 4
- Mounting Hole Spacing: 32 (center-to-center)
- Mounting Hole Offset: 15 (from center to hole center)

Front View Dimensions:

- Overall Width: 94
- Overall Height: 59
- Effective FOV (Field of View) Width: 32
- Effective FOV Height: 36
- Mounting Hole (4xM4) Diameter: 4
- Mounting Hole Spacing: 32 (center-to-center)
- Mounting Hole Offset: 15 (from center to hole center)

Side View Dimensions:

- Overall Width: 94
- Overall Height: 58
- Effective FOV (Field of View) Width: 32
- Effective FOV Height: 36
- Mounting Hole (4xM4) Diameter: 4
- Mounting Hole Spacing: 32 (center-to-center)
- Mounting Hole Offset: 15 (from center to hole center)

M12 Male Connector Details:

- Ref. Drawing: M12 Male Connector
- No. 1: +V (Red/Brown)
- No. 2: NC
- No. 3: -V (Black/Blue)
- No. 4: NC

Table 1: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 2: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 3: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 4: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 5: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 6: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 7: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 8: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 9: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 10: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 11: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 12: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 13: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5
±0.5	±1.0
±1.0	±1.0

Table 14: Standard Dimension Range

CLASS	STANDARD DIMENSION RANGE
L < 0.2	0.2 ≤ L
0.2 ≤ L	0.5 < L
0.5 < L	3 < L
3 < L	≤ 6
≤ 6	≤ 3
≤ 3	±0.2
±0.2	±0.5