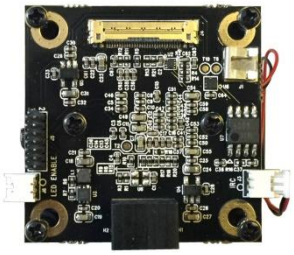
# LI-IMX385-MIPI-CS Data Sheet

Rev. 1.2

## Key Features

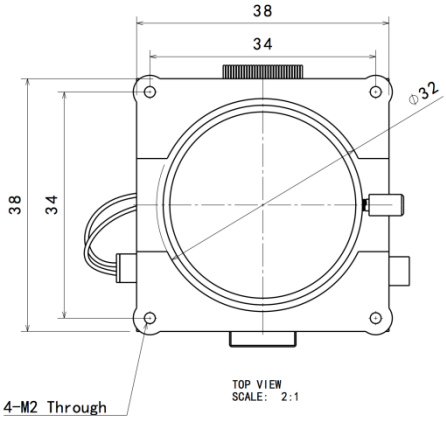
- Sony Diagonal 8.35 mm Type 1/2 CMOS Image Sensor IMX385LQR
- Active pixels: 1937 (H) x 1097 (V)
- Pixel size: 3.75 x 3.75 µm
- Color sensor
- Interface: MIPI output
- Supports CS lens
- Module size: 38 x 38 mm
- Weight: ~ 56 g
- Part#: LI-IMX385-MIPI-CS

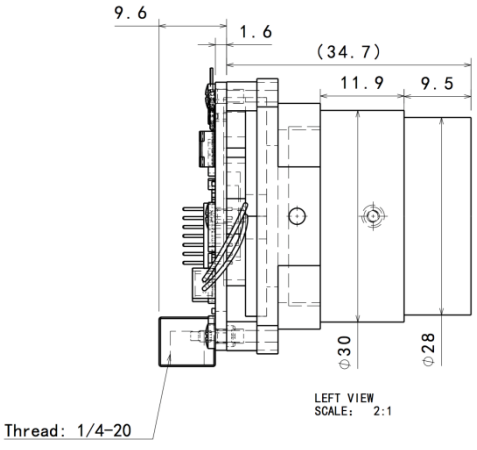


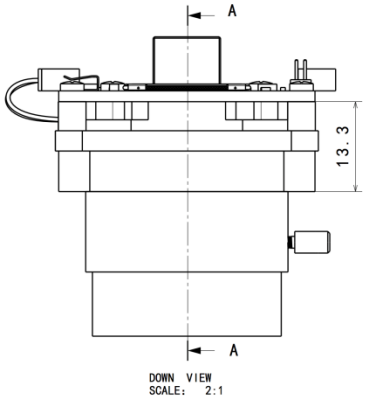
## Lens Spec

- Focal Length: 5.0 mm
- Aperture, F/#: 2.2
- Built in 650 nm IR cut filter
- FOV (D / H / V): 102° / 90° / 50°
- TV Distortion: < -8%
- Mount Type: CS

## Dimensions

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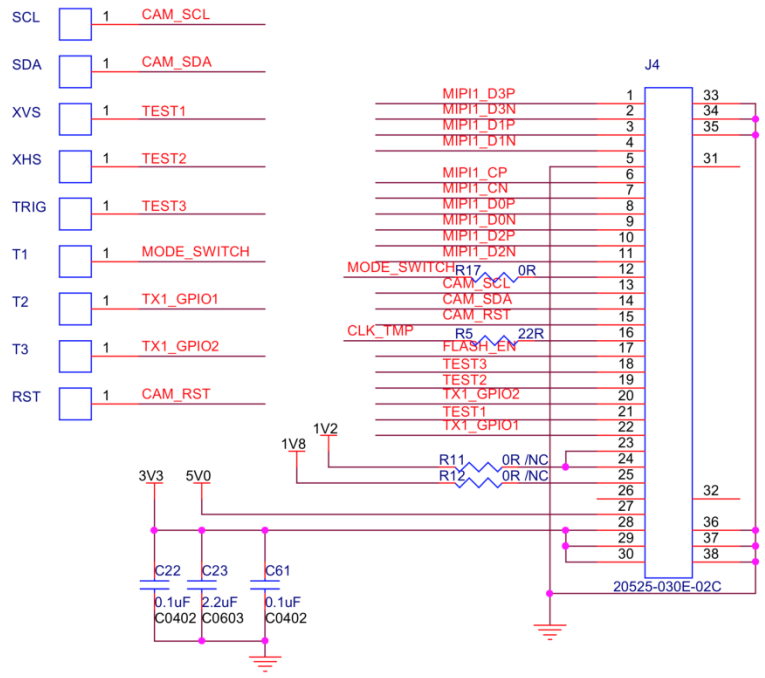
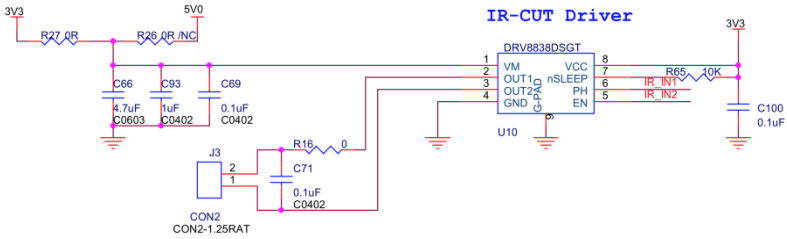
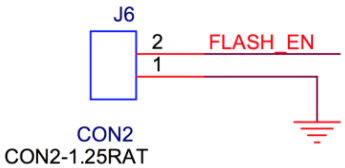
# Interfaces

| Interfaces | |
|---|---|
| Interface J4:<br>▪ Part#: 20525-030E-02C<br>▪ Number of Positions: 30<br>▪ Pitch: 0.4 mm<br>▪ Mating I-PEX cable: FAW-1233-03 (300 mm) |  |
| Interface J3:<br>▪ Part#: 1734829-2<br>▪ Number of Positions: 2<br>▪ Pitch: 1.25 mm |  |
| Interface J6:<br>▪ Part#: 1734829-2<br>▪ Number of Positions: 2<br>▪ Pitch: 1.25 mm |  |

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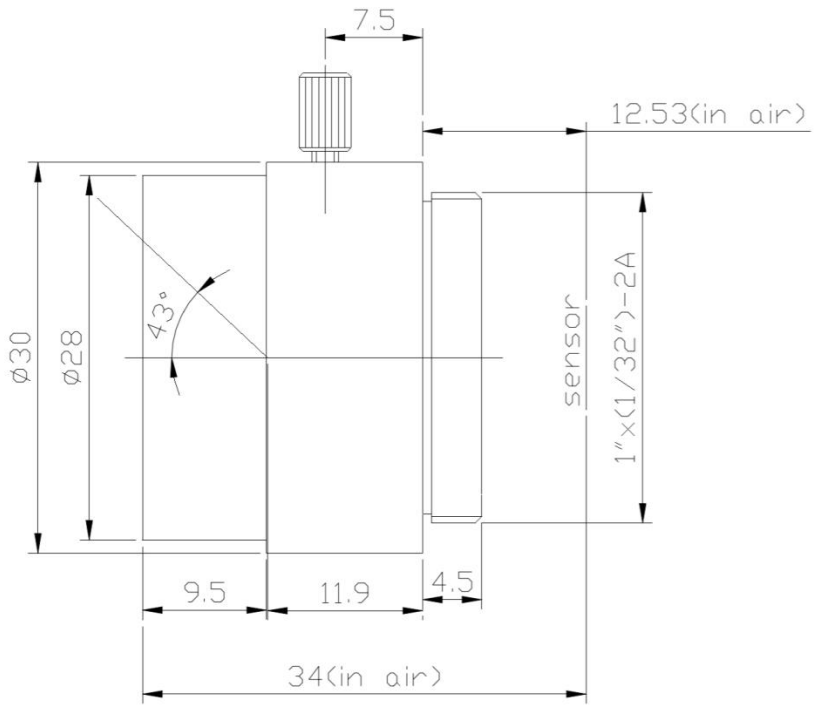
# 10 Megapixel IR Series

| | | | |
|---|---|---|---|
| 有效焦距 | E.F.L. | | 5 mm |
| 相对孔径 | F No. | | F2.2 |
| 接口类型 | Mount Type | | CS |
| 水平视角 | H.FOV | 1/1.8” | 72° |
| 像面尺寸 | Image Format (Max) | | 1/1.8” |
| 光圈类型 | Iris Type | | Fixed |
| 近 摄 距 | M.O.D | | 0.3m |
| 畸 变 | TV Distortion | 1/1.8” | -8% |
| 操控方式 | Control Type | 变倍 Zoom | / |
| | | 聚焦 Focus | Manual |
| 工作温度 | Operating Temperature | | -30℃ ~ 70℃ |
| 镜头重量 | Weight | | 39g |
| 尺寸规格 | Dimensions | | |

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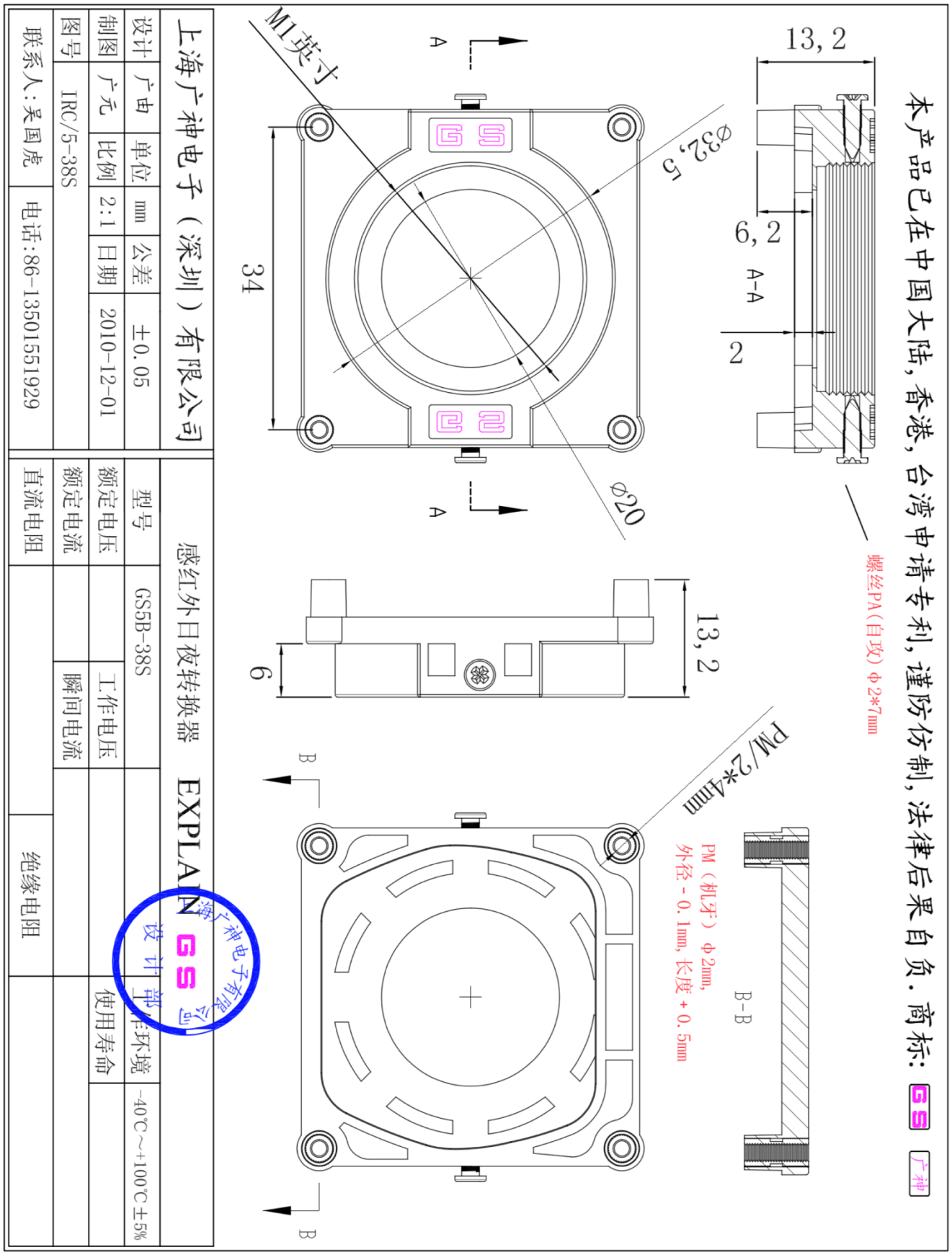
# GS5B-38S





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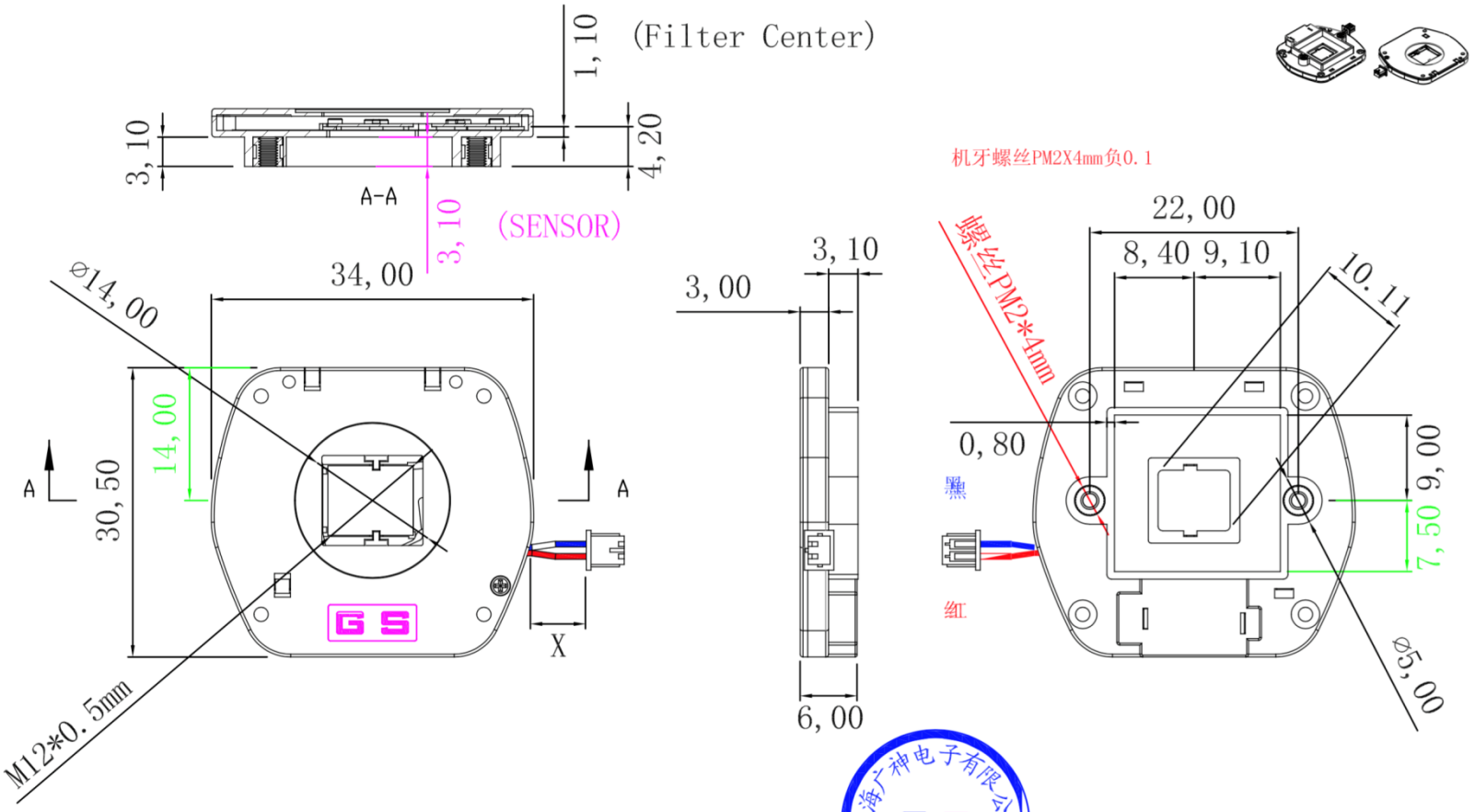
本产品已在中国大陆,香港,台湾申请专利,谨防仿制,法律后果自负.商标: GS 广神




| 上海广神电子（深圳）有限公司 | | | | | |
|---|---|---|---|---|---|
| 设计 | 广由 | 单位 | mm | 公差 | ±0.05 |
| 制图 | 广元 | 比例 | 2:1 | 日期 | 2010-12-01 |
| 图号 | IRC5B-2230-CS | | | | |
| 联系人:吴国虎 | | 电话:86-13501551929 | | | |

| 感红外日夜转换器 EXPLAIN | | | | | |
|---|---|---|---|---|---|
| 型号 | GS5B-2230-CS | | | 工作环境 | -20℃～+60℃ |
| 额定电压 | 3.5V | 工作电压 | 3.3V～12V.At20℃ | 使用寿命 | 50000次以上. |
| 额定电流 | 35mA | 瞬间电流 | 0.5S | | |
| 直流电阻 | 100ohm±10%.At 20℃ | | 绝缘电阻 | | |

IRC5B-2230-CS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## Revision History

| Revision | Description | Release Date |
|---|---|---|
| 1.0 | First release. | 20. Oct. 2018 |
| 1.1 | Deleted info quoted from sensor spec. | 27. May. 2022 |
| 1.2 | Deleted lens model info. | 24. Jul. 2023 |



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