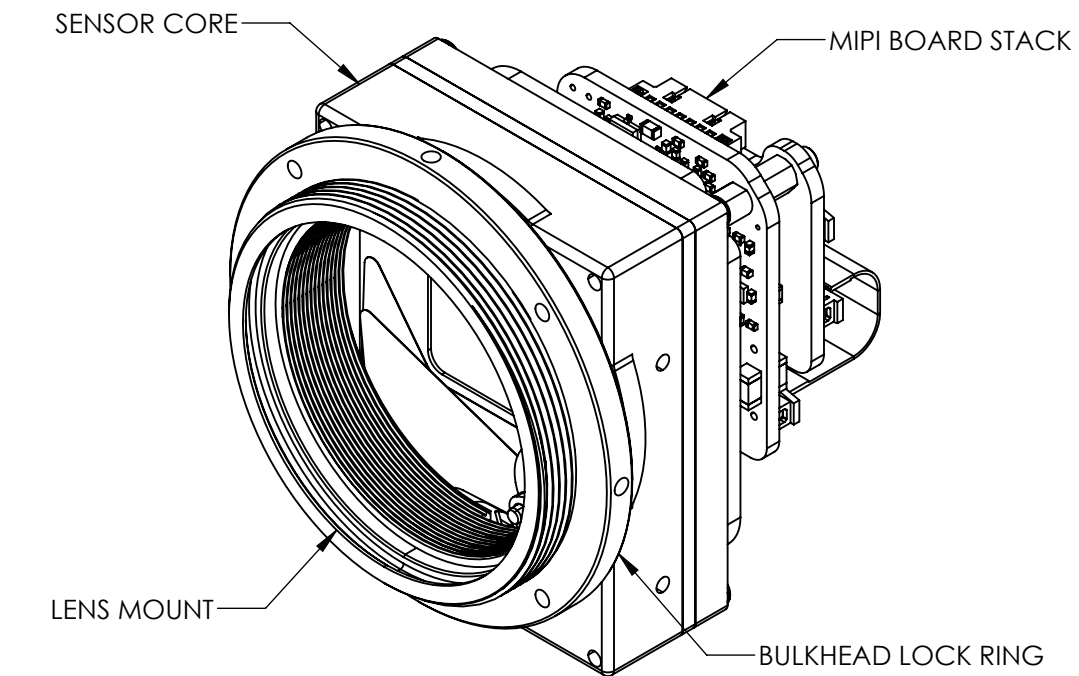
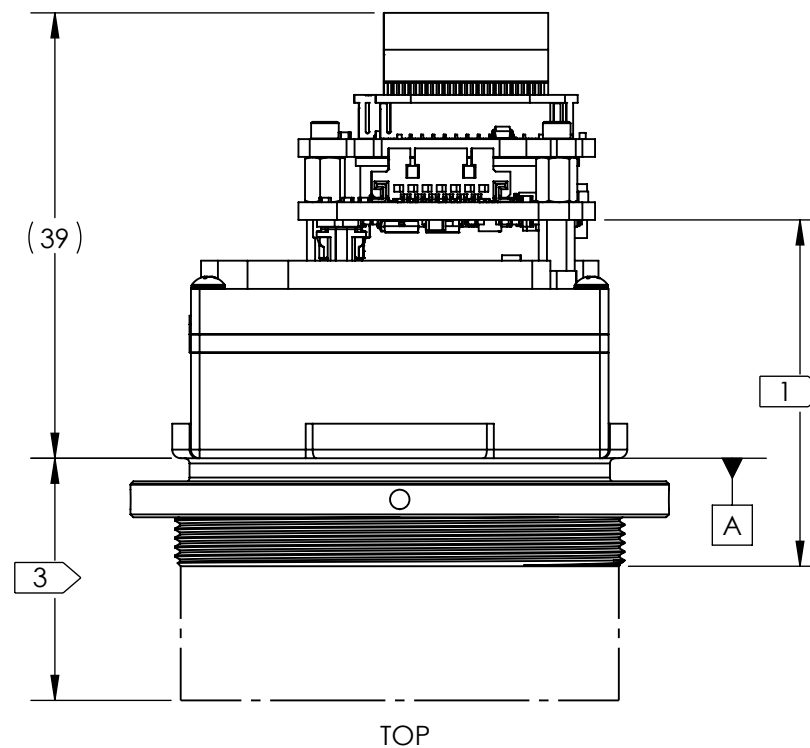
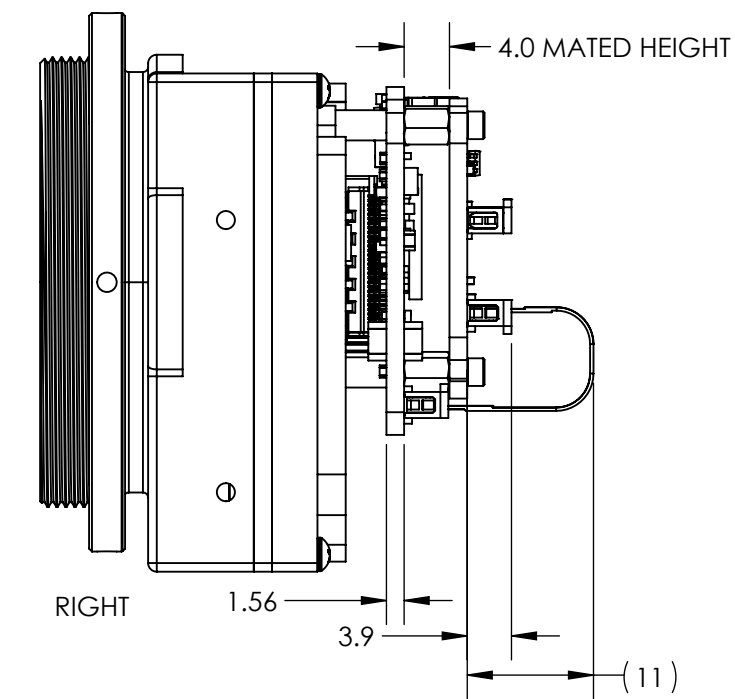
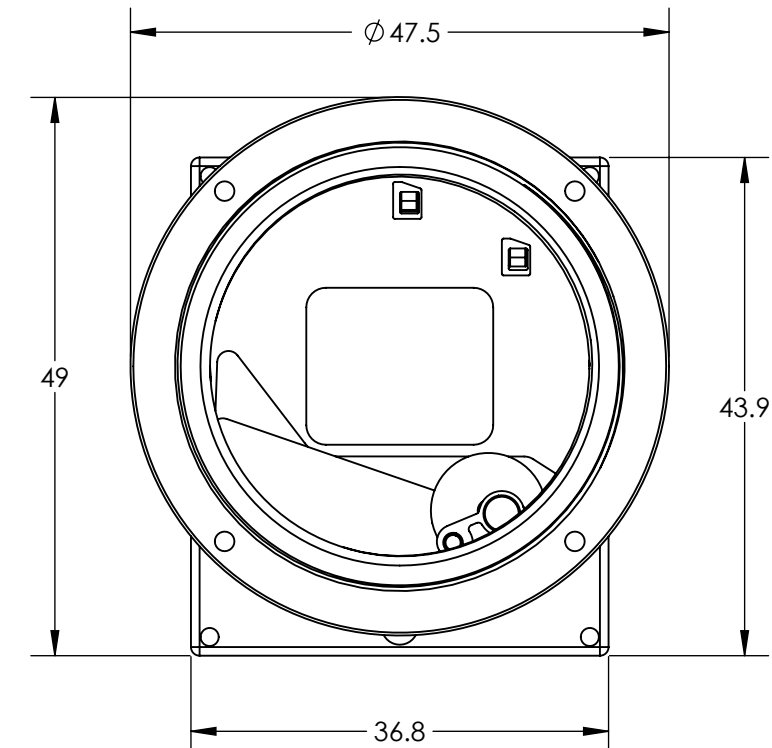
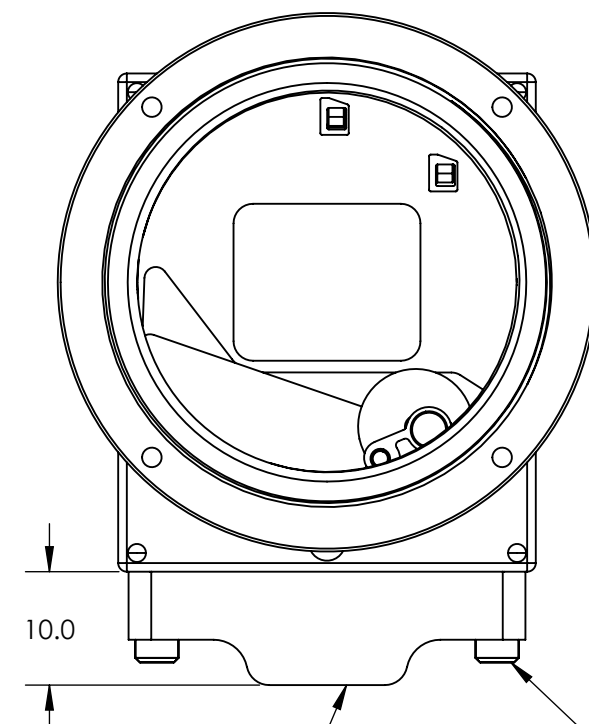


NOTES:

- 1. REFER TO DRS MECHANICAL ICD, 1036965 TENUM 1280 MECHANICAL ICD, FOR DETAILED SENSOR CORE DIMENSIONS AND MOUNTING INFO
- 2. ESTIMATED POWER DRAW IS 3.1W STEADY-STATE. CONDUCTIVE OR CONVECTIVE THERMAL DISSIPATION IS RECOMMENDED.
- 3. SEE SHEET 3 TABLE 1 FOR CONFIGURATIONS, LENS POSITION RELATIVE TO CAMERA BODY WILL VARY WITH FOCUS. REFER TO DRS MECHANICAL ICD, 1036965 TENUM1280 MECHANICAL ICD FOR LENS DIMENSIONS
- 4. FOR ADDITIONAL CONNECTOR INFORMATION REFERENCE ELECTRICAL ICD DOC 20-70060
- 5. OUTSIDE BOARD DIMENSION AND HOLE LOCATION TOLERANCE: +/- 0.13 MM
- 6. APPROX MASS: SOTI MIPI BOARDS AND HARDWARE 8g
- 7. APPROX MASS: SOTI TRIPOD MOUNT 10g



| REVISIONS | | | | | |
|-----------|------|--|------------|------------|-------------|
| ZONE | REV. | DESCRIPTION | ECO | DATE | ENGINEER |
| | B | UPDATE TRIPOD MOUNT NOTES | 1778 | 2024-07-24 | D. KAMINSKI |
| | C | ADD LENS DETAILS TO TABLE 1 | 1804 | 2024-12-17 | D. KAMINSKI |
| | D | ECO 1966 - Update SHT3 Part Numbers to be -M00 ECO 1911 - Added 20deg HFOV Lens Option (All Sheets) | 1966, 1911 | 2026-03-05 | C. JOHNSON |



OPTIONAL TRIPOD MOUNT
PN 80-20163

TO INSTALL TRIPOD MOUNT
SCREW IN THE 2 CAPTIVE SCREWS
WITH 1.5MM HEX DRIVE SIZE

Product Export Classification
Control Number(ECCN):
30Hz: 6A003.b.4.b
9Hz: 6A993

This document does not
contain export-controlled
technology.

| | |
|--|------------------|
| UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS | |
| X ± 2.5 mm | ANGLES X ± 1° |
| X.X ± 0.3 mm | X.X ± 0.5° |
| X.XX ± 0.13 mm | |
| THIRD ANGLE PROJECTION | |
| | |
| DO NOT SCALE DRAWING | |

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PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED.

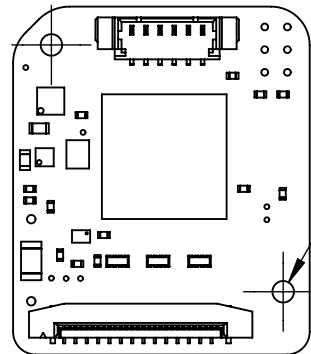
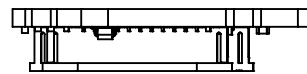
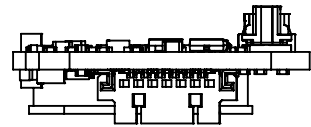
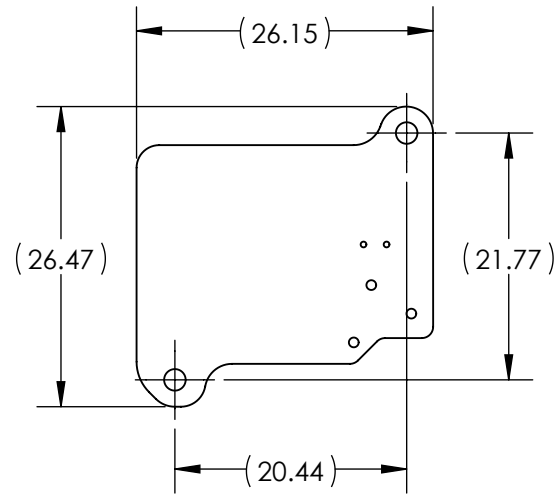
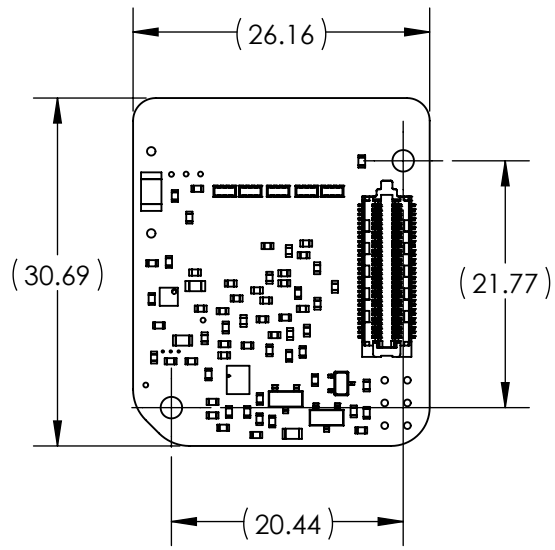
MATERIAL:
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FINISH:
N/A

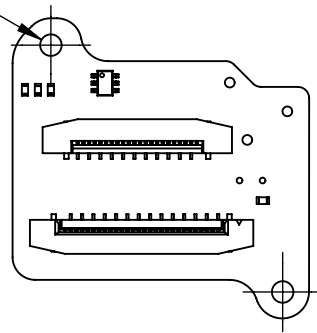
CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY
THE 3D CAD PART FILE.



| | |
|--|--------------------------|
| DESCRIPTION: Mechanical ICD, Viento HD10 MIPI | |
| SIZE B | DRAWN BY: D. KAMINSKI |
| DRAWING NUMBER: 20-70061 | |
| SHEET 1 OF 3 Rev. D | |



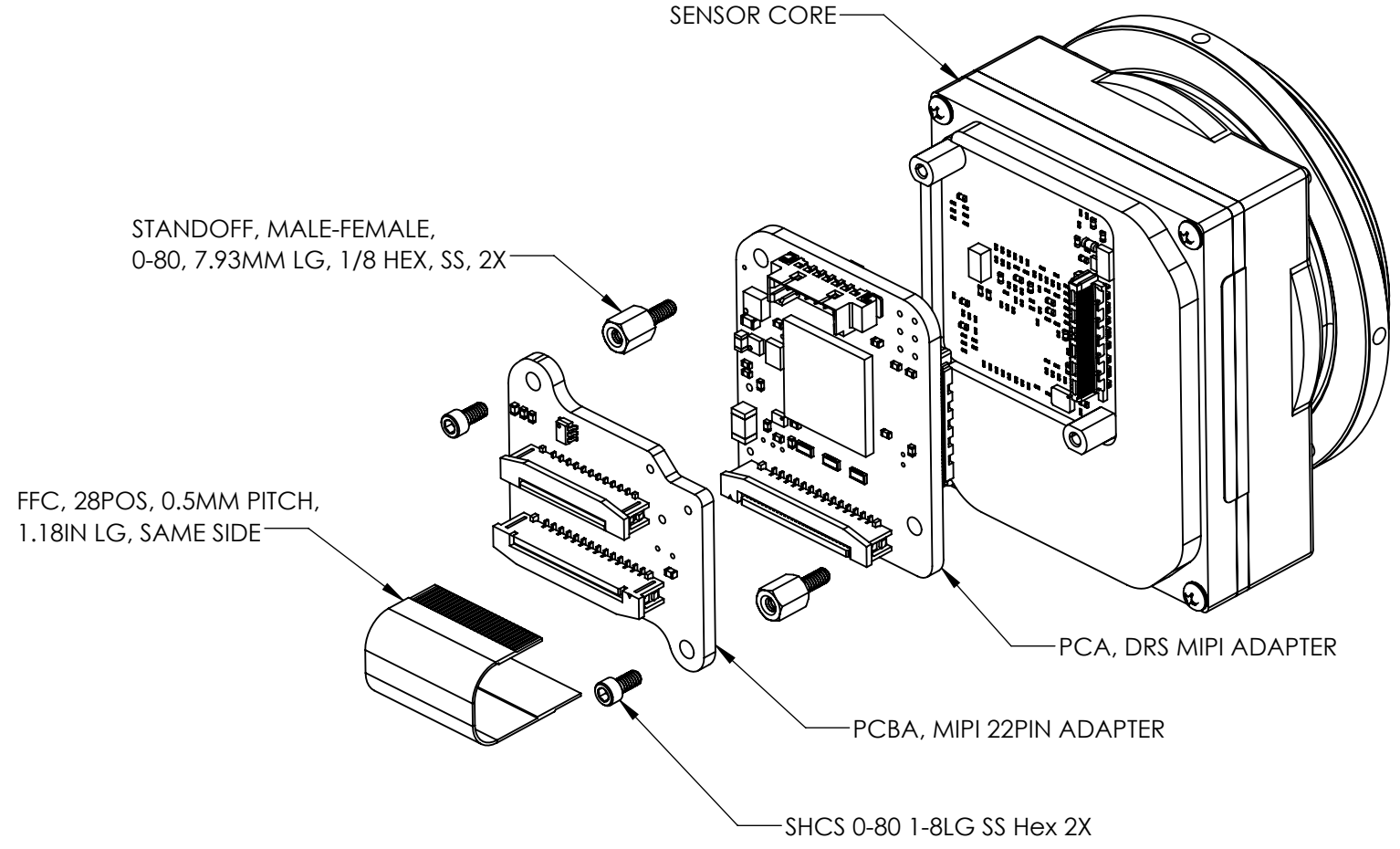
2X Ø 1.90 THRU



2X Ø 1.90 THRU

PCA, DRS MIPI ADAPTER
APPROX. MASS: 5 g

PCBA, MIPI 22PIN ADAPTER
APPROX. MASS: 3 g



| | | | | | | |
|--|---|---------------|---|--|-------------|--------------|
| Product Export Classification Control Number(ECCN): 30Hz: 6A003.b.4.b 9Hz: 6A993 This document does not contain export-controlled technology. | UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS | | PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED. MATERIAL: N/A FINISH: N/A CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE. | SIERRA-OLYMPIA TECHNOLOGIES INC. DESCRIPTION: Mehcnical ICD, Viento HD10 MIPI | | |
| | X ± 2.5 mm | ANGLES X ± 1° | | | | SIZE |
| | X.X ± 0.3 mm | X.X ± 0.5° | | B | D. KAMINSKI | SHEET 2 OF 3 |
| | X.XX ± 0.13 mm | | | DRAWING NUMBER: 20-70061 | | Rev. D |
| THIRD ANGLE PROJECTION | | | | | | |
| DO NOT SCALE DRAWING | | | | | | |

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TABLE 1


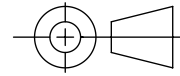
| PART NUMBER | DESCRIPTION | TOTAL MASS, INCLUDING BOARDS (g) NO TRIPOD MOUNT | SEE DRS ICD FOR LENS DIMENSIONS | EFL (mm) | F# | H/VFOV | SIZE L x Wx H (mm) |
|--------------------|--|--|---------------------------------|----------|-----|------------|--------------------|
| SL-D5-1328-N20-M00 | Viento HD10 MIPI 1280, 20 deg HFOV, No Lens, M34, 30Hz | 70 | 1026792-040 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1328-N21-M00 | Viento HD10 MIPI 1280, 21 deg HFOV, No Lens, M34, 30Hz | 70 | 1026792-000 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1328-N30-M00 | Viento HD10 MIPI 1280, 30 deg HFOV, No Lens, M34, 30Hz | 70 | 1026792-010 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1328-N60-M00 | Viento HD10 MIPI 1280, 60 deg HFOV, No Lens, M34, 30Hz | 70 | 1026792-020 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1328-A20-M00 | Viento HD10 MIPI 1280, 20 deg HFOV, 35mm, M34, 30Hz | 145 | 1026792-L40 | 35 | 1.2 | 20° BY 17° | 77X48X50 |
| SL-D5-1328-A21-M00 | Viento HD10 MIPI 1280, 21 deg HFOV, 35mm, M34, 30Hz | 145 | 1026792-L00 | 35 | 1.4 | 21° BY 17° | 81X48X50 |
| SL-D5-1328-A30-M00 | Viento HD10 MIPI 1280, 30 deg HFOV, 25mm, M34, 30Hz | 147 | 1026792-L10 | 25 | 1.2 | 30° BY 23° | 71X48X50 |
| SL-D5-1328-A60-M00 | Viento HD10 MIPI 1280, 60 deg HFOV, 12.8mm, M34, 30Hz | 149 | 1026792-L20 | 12.8 | 1.4 | 60° BY 47° | 76X48X50 |
| SL-D5-1928-N20-M00 | Viento HD10 MIPI 1280, 20 deg HFOV, No Lens, M34, 9Hz | 70 | 1026792-040 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1928-N21-M00 | Viento HD10 MIPI 1280, 21 deg HFOV, No Lens, M34, 9Hz | 70 | 1026792-000 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1928-N30-M00 | Viento HD10 MIPI 1280, 30 deg HFOV, No Lens, M34, 9Hz | 70 | 1026792-010 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1928-N60-M00 | Viento HD10 MIPI 1280, 60 deg HFOV, No Lens, M34, 9Hz | 70 | 1026792-020 | N/A | N/A | N/A | 49X48X50 |
| SL-D5-1928-A20-M00 | Viento HD10 MIPI 1280, 20 deg HFOV, 35mm, M34, 9Hz | 145 | 1026792-L40 | 35 | 1.2 | 20° BY 17° | 77X48X50 |
| SL-D5-1928-A21-M00 | Viento HD10 MIPI 1280, 21 deg HFOV, 35mm, M34, 9Hz | 145 | 1026792-L00 | 35 | 1.4 | 21° BY 17° | 81X48X50 |
| SL-D5-1928-A30-M00 | Viento HD10 MIPI 1280, 30 deg HFOV, 25mm, M34, 9Hz | 147 | 1026792-L10 | 25 | 1.2 | 30° BY 23° | 71X48X50 |
| SL-D5-1928-A60-M00 | Viento HD10 MIPI 1280, 60 deg HFOV, 12.8mm, M34, 9Hz | 149 | 1026792-L20 | 12.8 | 1.4 | 60° BY 47° | 76X48X50 |

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| | | | | | |
|--|---|--------------------------------|--|---|---|
| Product Export Classification Control Number(ECCN): 30Hz: 6A003.b.4.b 9Hz: 6A993 This document does not contain export-controlled technology. | UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS | | PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED. |  SIERRA-OLYMPIA TECHNOLOGIES INC. | |
| | X ± 2.5 mm X.X ± 0.3 mm X.XX ± 0.13 mm | ANGLES X ± 1° X.X ± 0.5° | | | MATERIAL: N/A |
| | THIRD ANGLE PROJECTION | |  | FINISH: N/A | DESCRIPTION: Mehcanical ICD, Viento HD10 MIPI |
| | DO NOT SCALE DRAWING | | | CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE. | SIZE: B DRAWN BY: D. KAMINSKI DRAWING NUMBER: 20-70061 |