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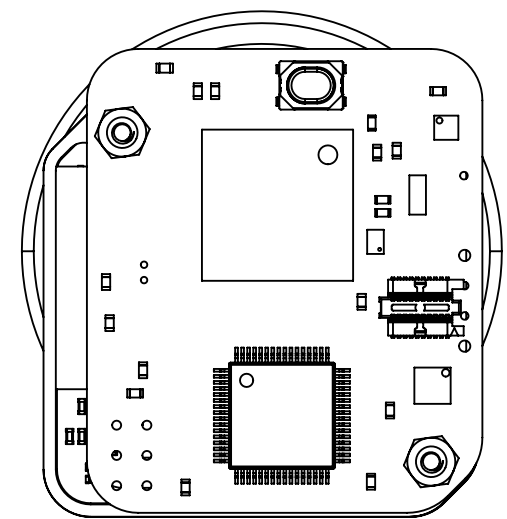
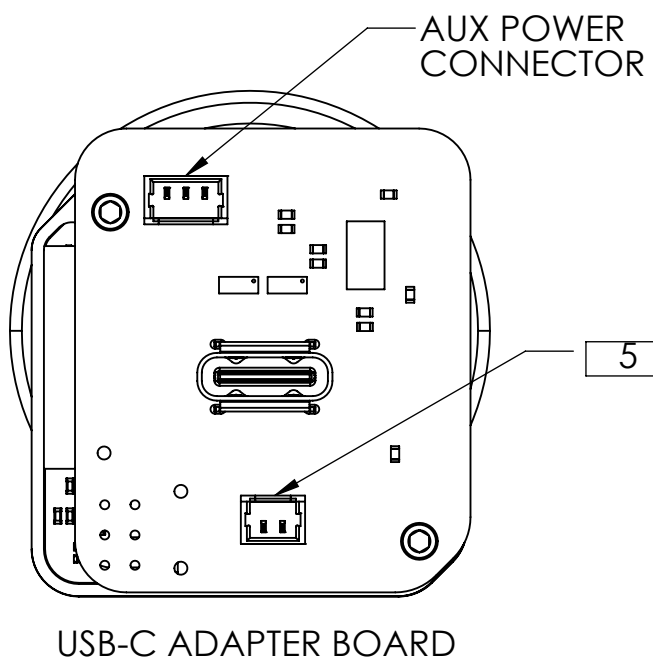
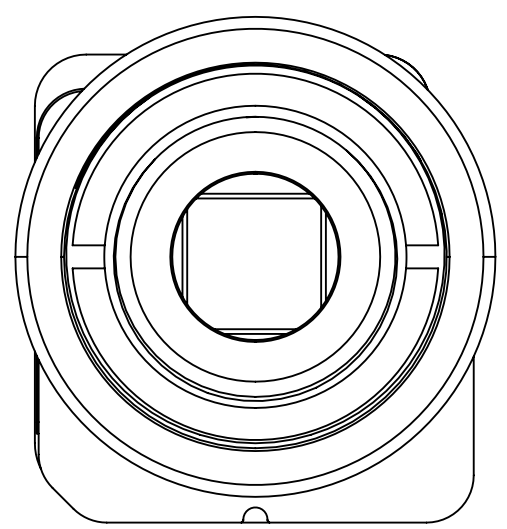
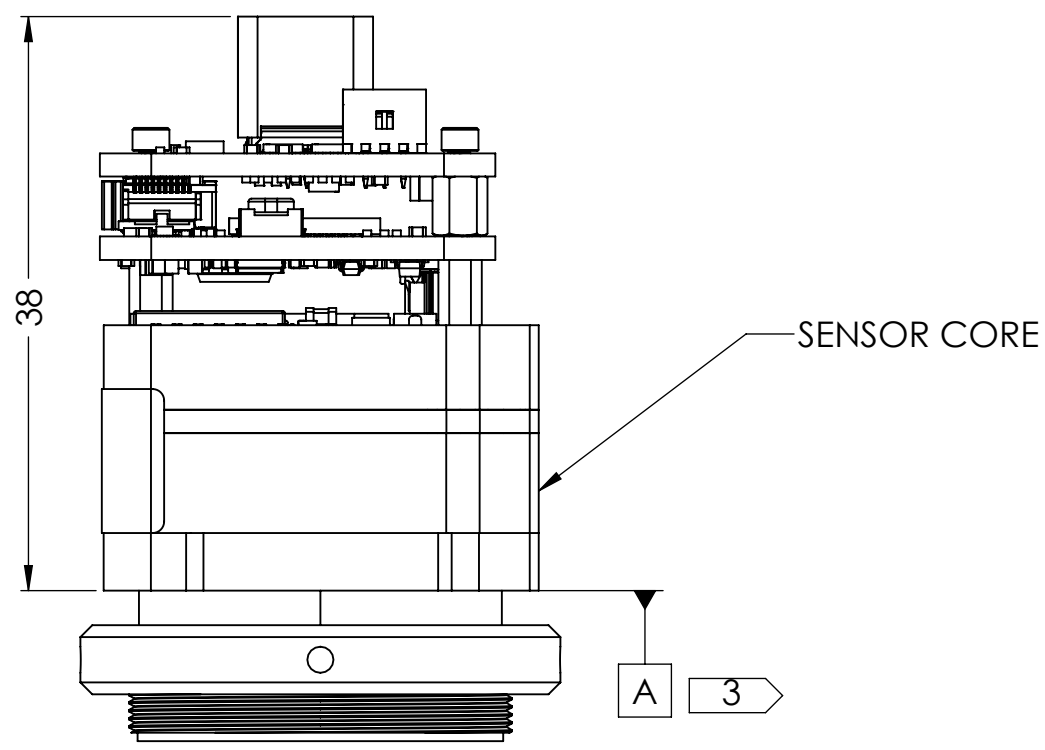
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NOTES:

- 1. REFER TO DRS MECHANICAL ICD, 1028737 TENUM640 MECHANICAL ICD, FOR DETAILED SENSOR CORE DIMENSIONS AND MOUNTING INFO
- 2. ESTIMATED POWER DRAW IS 2.0W STEADY-STATE. CONDUCTIVE OR CONVECTIVE THERMAL DISSIPATION IS RECOMMENDED.
- 3. SEE SHEET 3 FOR CONFIGURATIONS, LENS POSITION RELATIVE TO CAMERA BODY WILL VARY WITH FOCUS.
- 4. FOR ADDITIONAL CONNECTOR INFORMATION REFERENCE ELECTRICAL ICD DOC S-D11285
- 5. J3 GENLOCK EE SOT1 APPLICATION NOTE 50-90001 FOR COMMAND MODES, SIGNAL LEVELS, AND TIMING
- 6. OUTSIDE BOARD DIMENSION AND HOLD LOCATION TOLERANCE: +/- 0.127 MM
- 7. APPROXIMATE CONNECTOR CENTER LOCATIONS SHOWN ON PAGE 2
- 8. DRS USB INTERFACE APPROX MASS: 4 g
- 9. DRS USBC ADAPTER APPROX MASS: 3 g

REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	B	REMOVE PCBA PN'S FROM DRAWING	1296	2022-09-14	D.KAMINSKI
	C	ADD TABLE 2 FOR HIGH TEMP. PINS	1437	2023-08-14	D.KAMINSKI
	D	UPDATED TO NEW USBC ADAPTER BOARD	1689	2024-01-24	B. BROWN



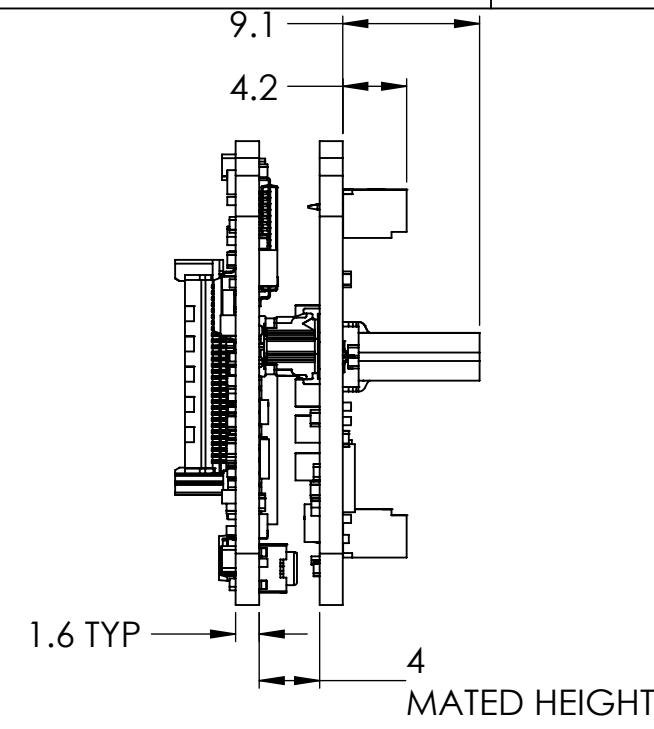
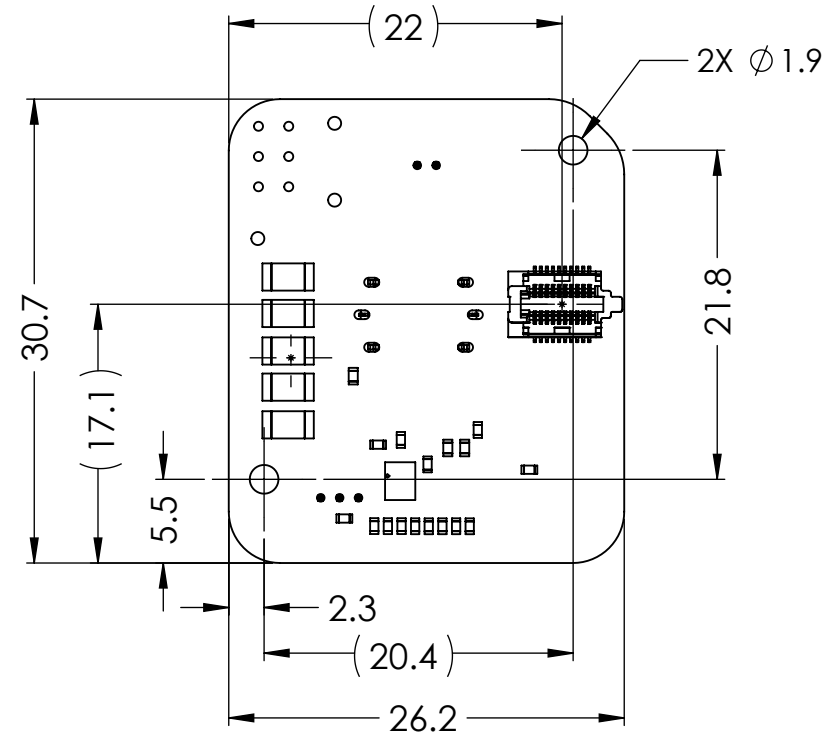
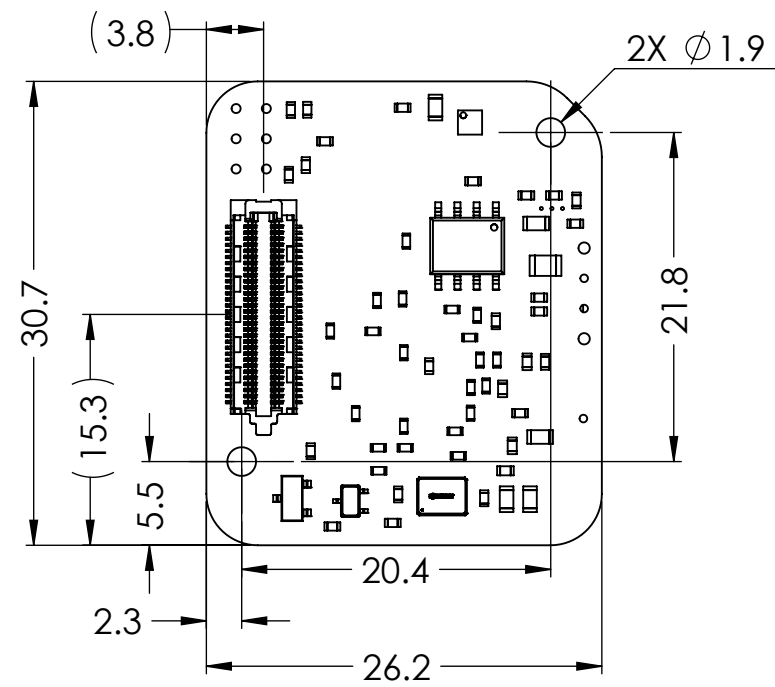
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		MATERIAL: N/A  FINISH: N/A	DESCRIPTION: Mechanical ICD Viento-10 USB	
COMMENTS:		SIZE: <b>B</b>	DRAWN BY: D.Kaminski	SHEET 1 OF 3
		DRAWING NUMBER: S-D11513		Rev. D

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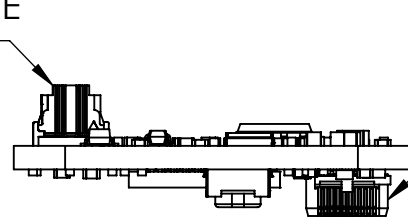
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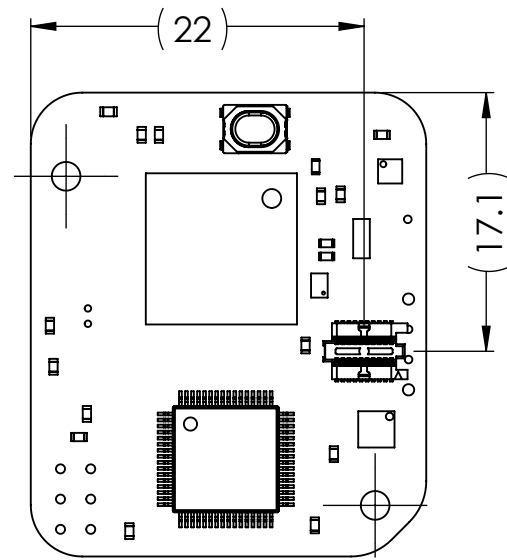
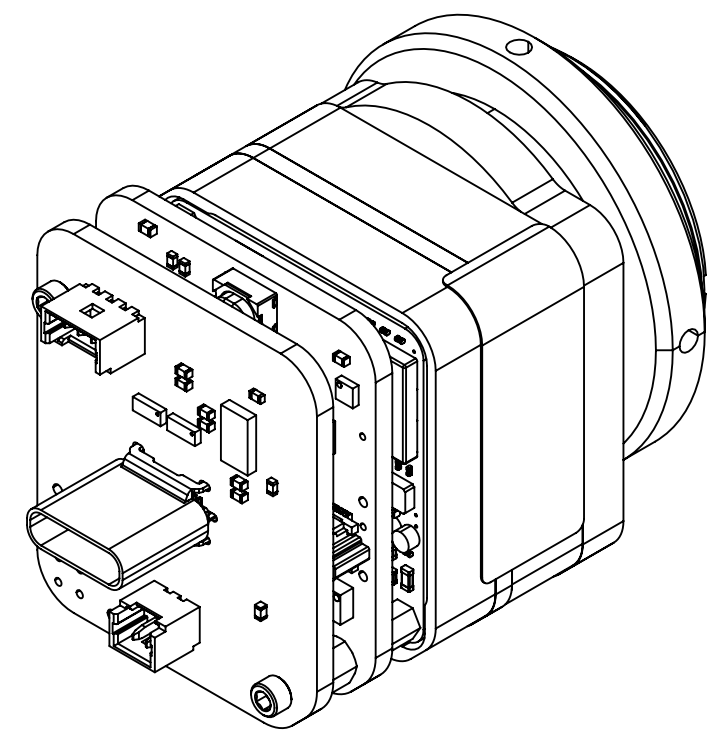
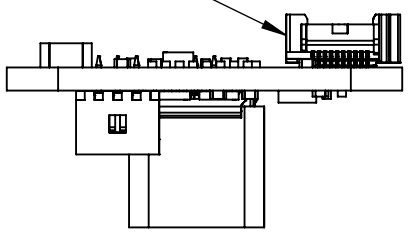
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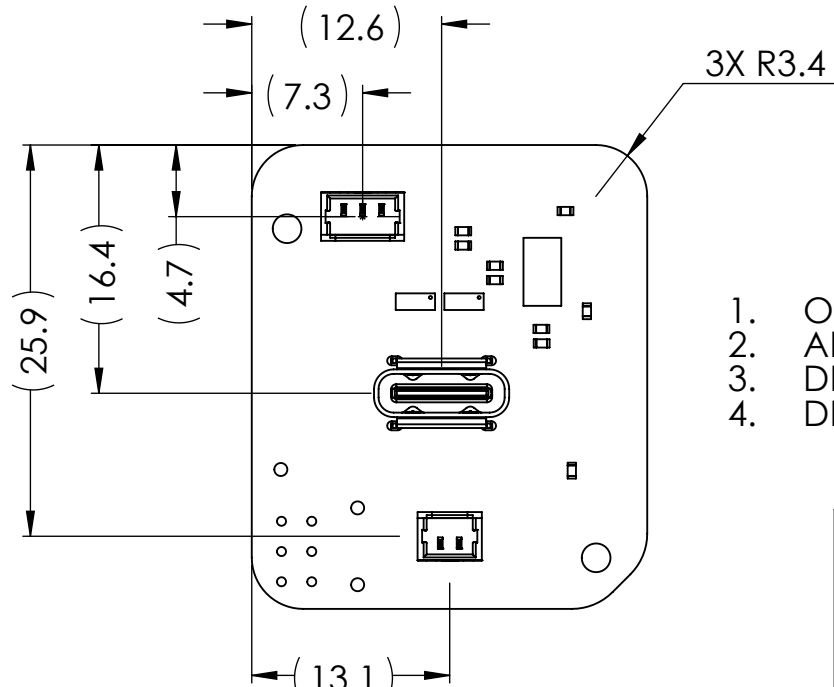
MATE:  
TAMARISK BASE  
CONFIG. J2



BOARD-TO-BOARD  
MATING CONNECTOR



PCBA, DRS USB Interface



PCBA, DRS USBC Adapter

1. OUTSIDE BOARD DIMENSION AND HOLD LOCATION TOLERANCE: +/- 0.127 MM
2. APPROXIMATE CONNECTOR CENTER LOCATIONS SHOWN
3. DRS USB INTERFACE APPROX MASS: 4 g
4. DRS USBC ADAPTER APPROX MASS: 3 g

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		MATERIAL:  FINISH:	N/A  N/A	
		SIZE <b>B</b>	DRAWN BY: D.Kaminski	SHEET 2 OF 3
		DRAWING NUMBER: S-D11513		Rev. D

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TABLE 1

PART NUMBER	DESCRIPTION	WEIGHT (g)	SEE DRS ICD FOR LENS DIMENSIONS
SL-T5-6624-A10	Viento 10 USB, 640 x 512, 10 deg HFOV, 35mm, 60Hz, M34	146	1027621-L110600
SL-T5-6614-A12	Viento 10 USB, 640 x 512, 12 deg HFOV, 30mm, 60Hz	84	1027621-LD10600
SL-T5-6604-A18	Viento 10 USB, 640 x 512, 18 deg HFOV, 20mm, 60Hz	57	1027621-L310600
SL-T5-6604-A25	Viento 10 USB, 640 x 512, 25 deg HFOV, 15mm, 60Hz	54	1027621-L610600
SL-T5-6614-A40	Viento 10 USB, 640 x 512, 40 deg HFOV, 9.3mm, 60Hz	67	1027621-LH10600
SL-T5-6604-A50	Viento 10 USB, 640 x 512, 50 deg HFOV, 7.7mm, 60Hz	49	1027621-LA10600
SL-T5-6604-A70	Viento 10 USB, 640 x 512, 70 deg HFOV, 5.5mm, 60Hz	51	1027621-LM10600
SL-T5-6604-A90	Viento 10 USB, 640 x 512, 90 deg HFOV, 4.3mm, 60Hz	52	1027621-LN10600
SL-T5-6624-N10	Viento 10 USB, 640 x 512, 10 deg HFOV, NO LENS, 60Hz, M34	54	1027621-0110600
SL-T5-6604-N18	Viento 10 USB, 640 x 512, 18 deg HFOV, NO LENS, 60Hz	39	1027621-0310600
SL-T5-6604-N25	Viento 10 USB, 640 x 512, 25 deg HFOV, NO LENS, 60Hz	39	1027621-0610600
SL-T5-6604-N50	Viento 10 USB, 640 x 512, 50 deg HFOV, NO LENS, 60Hz	39	1027621-0A10600
SL-T5-6604-N70	Viento 10 USB, 640 x 512, 70 deg HFOV, NO LENS, 60Hz	39	1027621-0M10600
SL-T5-6604-N90	Viento 10 USB, 640 x 512, 90 deg HFOV, NO LENS, 60Hz	39	1027621-0N10600
SL-T5-6924-A10	Viento 10 USB, 640 x 512, 10 deg HFOV, 35mm, 9Hz, M34	146	1027621-L110600
SL-T5-6914-A12	Viento 10 USB, 640 x 512, 12 deg HFOV, 30mm, 9Hz	84	1027621-LD10900
SL-T5-6904-A18	Viento 10 USB, 640 x 512, 18 deg HFOV, 20mm, 9Hz	57	1027621-L310600
SL-T5-6904-A25	Viento 10 USB, 640 x 512, 25 deg HFOV, 15mm, 9Hz	54	1027621-L610600
SL-T5-6914-A40	Viento 10 USB, 640 x 512, 40 deg HFOV, 9.3mm, 9Hz	67	1027621-LH10600
SL-T5-6904-A50	Viento 10 USB, 640 x 512, 50 deg HFOV, 7.7mm, 9Hz	49	1027621-LA10600
SL-T5-6904-A70	Viento 10 USB, 640 x 512, 70 deg HFOV, 5.5mm, 9Hz	51	1027621-LM10900
SL-T5-6904-A90	Viento 10 USB, 640 x 512, 90 deg HFOV, 4.3mm, 9Hz	52	1027621-LN10900
SL-T5-6924-N10	Viento 10 USB, 640 x 512, 10 deg HFOV, NO LENS, 9Hz, M34	54	1027621-0110600
SL-T5-6904-N18	Viento 10 USB, 640 x 512, 18 deg HFOV, NO LENS, 9Hz	39	1027621-0310600
SL-T5-6904-N25	Viento 10 USB, 640 x 512, 25 deg HFOV, NO LENS, 9Hz	39	1027621-0610600
SL-T5-6904-N50	Viento 10 USB, 640 x 512, 50 deg HFOV, NO LENS, 9Hz	39	1027621-0A10600
SL-T5-6904-N70	Viento 10 USB, 640 x 512, 70 deg HFOV, NO LENS, 9Hz	39	1027621-0M10900
SL-T5-6904-N90	Viento 10 USB, 640 x 512, 90 deg HFOV, NO LENS, 9Hz	39	1027621-0N10900

TABLE 2 EXTENDED TEMP

PART NUMBER	DESCRIPTION	WEIGHT (g)	SEE DRS ICD FOR LENS DIMENSIONS
SL-T5-6624-A10-H	Viento 10 USB, 640 x 512, 10 deg HFOV, 35mm, 60Hz, M34, Extended Temp	146	1027621-L110600
SL-T5-6614-A12-H	Viento 10 USB, 640 x 512, 12 deg HFOV, 30mm, 60Hz, Extended Temp	84	1027621-LD10600
SL-T5-6604-A18-H	Viento 10 USB, 640 x 512, 18 deg HFOV, 20mm, 60Hz, Extended Temp	57	1027621-L310600
SL-T5-6604-A25-H	Viento 10 USB, 640 x 512, 25 deg HFOV, 15mm, 60Hz, Extended Temp	54	1027621-L610600
SL-T5-6614-A40-H	Viento 10 USB, 640 x 512, 40 deg HFOV, 9.3mm, 60Hz, Extended Temp	67	1027621-LH10600
SL-T5-6604-A50-H	Viento 10 USB, 640 x 512, 50 deg HFOV, 7.7mm, 60Hz, Extended Temp	49	1027621-LA10600
SL-T5-6604-A70-H	Viento 10 USB, 640 x 512, 70 deg HFOV, 5.5mm, 60Hz, Extended Temp	51	1027621-LM10600
SL-T5-6604-A90-H	Viento 10 USB, 640 x 512, 90 deg HFOV, 4.3mm, 60Hz, Extended Temp	52	1027621-LN10600
SL-T5-6604-N18-H	Viento 10 USB, 640 x 512, 18 deg HFOV, NO LENS, 60Hz, Extended Temp	39	1027621-0310600
SL-T5-6624-N10-H	Viento 10 USB, 640 x 512, 10 deg HFOV, NO LENS, 60Hz, M34, Extended Temp	54	1027621-0110600
SL-T5-6924-A10-H	Viento 10 USB, 640 x 512, 10 deg HFOV, 35mm, 9Hz, M34, Extended Temp	146	1027621-L110600
SL-T5-6914-A12-H	Viento 10 USB, 640 x 512, 12 deg HFOV, 30mm, 9Hz, Extended Temp	84	1027621-LD10900
SL-T5-6904-A18-H	Viento 10 USB, 640 x 512, 18 deg HFOV, 20mm, 9Hz, Extended Temp	57	1027621-L310600
SL-T5-6904-A25-H	Viento 10 USB, 640 x 512, 25 deg HFOV, 15mm, 9Hz, Extended Temp	54	1027621-L610600
SL-T5-6914-A40-H	Viento 10 USB, 640 x 512, 40 deg HFOV, 9.3mm, 9Hz, Extended Temp	67	1027621-LH10600
SL-T5-6904-A50-H	Viento 10 USB, 640 x 512, 50 deg HFOV, 7.7mm, 9Hz, Extended Temp	49	1027621-LA10600
SL-T5-6904-A70-H	Viento 10 USB, 640 x 512, 70 deg HFOV, 5.5mm, 9Hz, Extended Temp	51	1027621-LM10900
SL-T5-6904-A90-H	Viento 10 USB, 640 x 512, 90 deg HFOV, 4.3mm, 9Hz, Extended Temp	52	1027621-LN10900
SL-T5-6904-N18-H	Viento 10 USB, 640 x 512, 18 deg HFOV, NO LENS, 9Hz, Extended Temp	39	1027621-0310600
SL-T5-6924-N10-H	Viento 10 USB, 640 x 512, 10 deg HFOV, NO LENS, 9Hz, M34, Extended Temp	54	1027621-0110600

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DESCRIPTION: Mechanical ICD Viento-10 USB				SIZE: <b>B</b>
DRAWN BY: D.Kaminski				SHEET 3 OF 3
DRAWING NUMBER: S-D11513				Rev. D