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Tech Notes

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.50 inch Character Height, 4 1/2 Digit LCD Display

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**WHIP!**

Image next to part no. indicates cad file.

Indicates an [Opto Express](#) part.

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Lumex Part Number		Overall Size (WxH) [mm]	Viewing Area (WxH) [mm]	Digit Height mm [inches]
LCD-S4X1C50TR	WHIP!	50.8x30.48	46.80x16.51	12.7 (0.50)

Characteristics

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Fluid Type:	TN
Background Color :	Gray
Viewing Direction :	6:00
Display Mode :	REFLECTIVE
Operating Voltage :	3.0-5.0V A.C.
Operating Temp. :	0°C to 50°C
Storage Temp. :	-20°C to 70°C
Driving Method :	STATIC
Connection Type :	40 pins

Pin Configurations

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Pin No.	1	2	3	4	5	6	7	8	9	10
Segment	COM	Y	Z	DP1	2E	2D	2C	DP2	3E	3D
Pin No.	11	12	13	14	15	16	17	18	19	20
Segment	3C	DP3	4E	4D	4C	DP4	5E	5D	5C	5B
Pin No.	21	22	23	24	25	26	27	28	29	30
Segment	5A	5F	5G	4B	4A	4F	4G	CLN2	3B	3A
Pin No.	31	32	33	34	35	36	37	38	39	40
Segment	3F	3G	CLN1	2B	2A	2F	2G	LB	X	COM

Application

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- CUSTOM applications are available for any of the part numbers listed above. Please consult the [Lumex Tech Notes](#) section for technical information, or [Contact Lumex](#) for assistance.

Technical Information

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- [Environmental](#) information is also in the Lumex Tech Notes section.
- Additional [Product Characteristics](#) can also be found in the Lumex Tech Notes section
- You will also find [Reliability Grade](#) information in the Lumex Tech Notes section.
- You can find comprehensive technical information in the [Lumex Tech Notes](#) section. Click [here](#) to get there!

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