



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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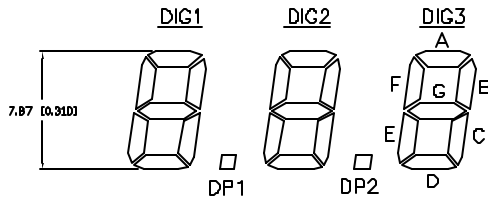
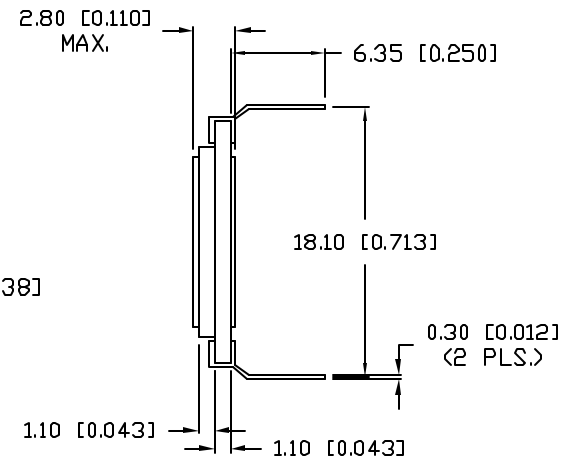
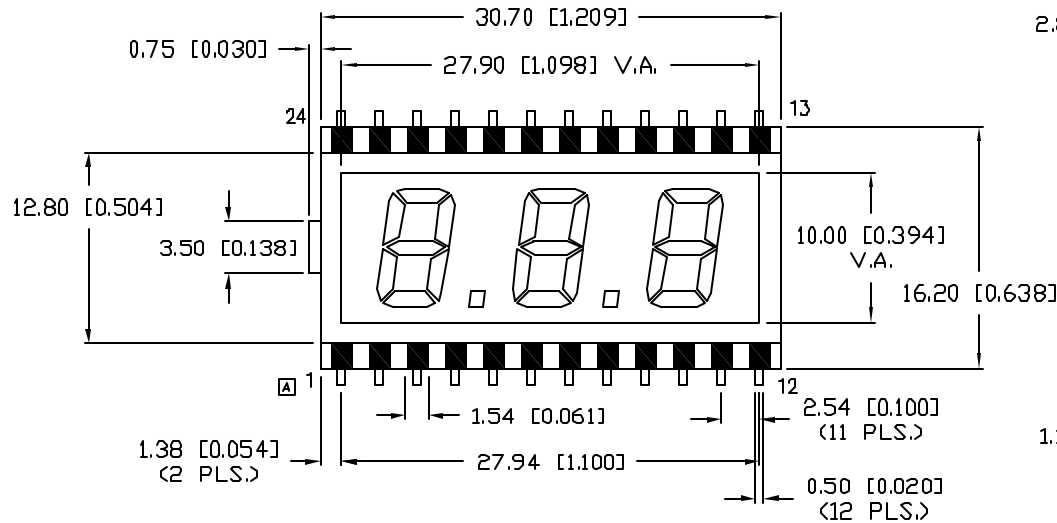


UNCONTROLLED DOCUMENT

PART NUMBER  
LCD-S301C31TR-3

REV.  
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11244.	5.17.05
B	E.C.N. #11148.	02.08.07



PIN NO.	1	2	3	4	5	6	7	8
SEGMENT	COM	E1	D1	C1	DP1	E2	D2	C2
PIN NO.	9	10	11	12	13	14	15	16
SEGMENT	DP2	E3	D3	C3	B3	A3	F3	G3
PIN NO.	17	18	19	20	21	22	23	24
SEGMENT	B2	A2	F2	G2	B1	A1	F1	G1

CHARACTERISTICS	
FLUID TYPE:	TN
BACKGROUND COLOR:	GRAY
VIEWING DIRECTION:	6:00
DISPLAY MODE:	REFLECTIVE
OPERATING VOLTAGE:	3.0 VAC
OPERATING TEMP.	0°C TO 50°C
STORAGE TEMP.	-20°C TO 70°C
DRIVING METHODE:	STATIC
CONNECTION TYPE:	24 PINS

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= <sup>+0.00</sup> <sub>-0.00</sub> DECIMAL PRECISION MAX.= <sup>+0.00</sup> <sub>-0.00</sub> DECIMAL PRECISION

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0.31" CHARACTER HEIGHT, THREE DIGIT LCD GLASS,  
TN, REFLECTIVE, 24 PINS.

**RELIABILITY NOTE**  
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 6.30.03
			PAGE: 1 OF 1
			SCALE: N/A

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Rb