

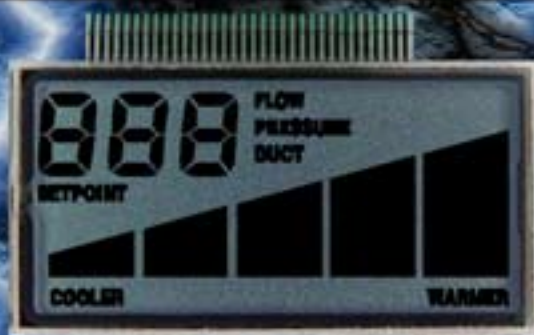
SMART SOLUTIONS

BY: **LUMEX**
An ITW Company

Customer's Problem

Our Opportunity

Customer could not use pins or zebra strips to connect an LCD module to their board because of limited space with too many components being utilized under the LCD.



Lumex's Permanent Solution

Lumex designed an LCD with flexible heat seal connector (HSC) so that the customer could make the power-up interface connection away from the LCD panel.

Benefit to Customer

Got customer out of control panel jam and provided a much more reliable power-up connection for the LCD.

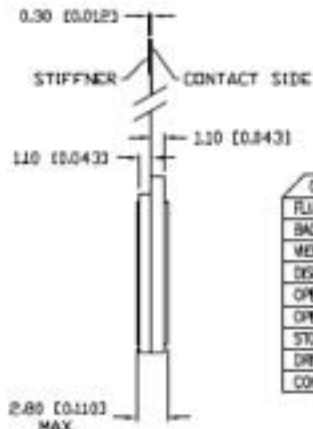
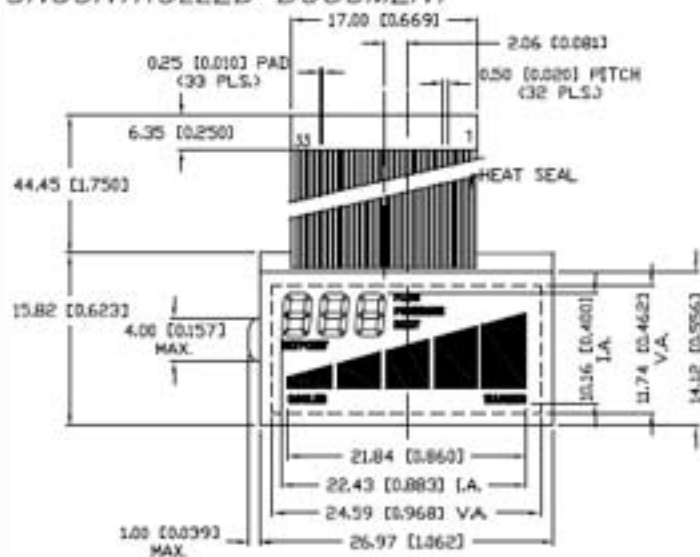
Application

Industrial Heating Control Panel

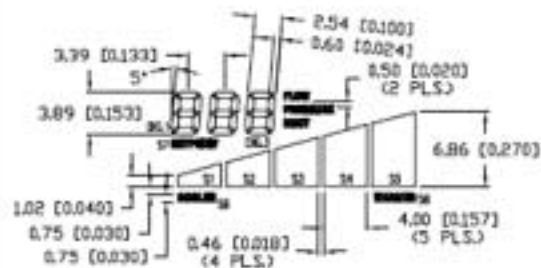
Click here for:



Solution
Part Number
LCD-S301M31TR-S
Now
Available!



CHARACTERISTICS	
FLUID TYPE:	TN
BACKGROUND COLOR:	GRAY
VIEWING DIRECTION:	6:00
DISPLAY MODE:	REFLECTIVE
OPERATING VOLTAGE:	5.0V A.C.
OPERATING TEMP.:	0°C TO 50°C
STORAGE TEMP.:	-20°C TO 70°C
DRIVING METHOD:	STATIC
CONNECTION TYPE:	HEAT SEAL



PN NO.	1	2	3	4	5	6	7	8	9	10	11
SEGMENT	COOL	S5	S4	S3	S2	S1	DUCT	PRESSURE	FLOW	C3	C3
PN NO.	12	13	14	15	16	17	18	19	20	21	22
SEGMENT	A3	F3	G3	E3	D3	C2	B2	A2	F2	G2	E2
PN NO.	23	24	25	26	27	28	29	30	31	32	33
SEGMENT	D2	C1	B1	A1	F1	G1	E1	D1	S7	S8	COOL

NOTES:

- COOLER AND WARNER ARE ONE SEGMENT.
- TEXT HEIGHT = 0.75mm

*SIZE CHANGE SPECIFIED TOUGHNESS FOR SERIAL NUMBER ARE 0-47 (0.008), 0.7-0.5 (0.028), 0.09-0.02 (0.004), 0.09-0.017 (0.003), 0.02-0.009 (0.000), 0.02-0.009 (0.000), 0.02-0.009 (0.000)

3 DIGIT CUSTOM LCD PANEL, TN, REFLECTIVE,
WITH HEAT SEAL.

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WARNING NOTE
OUR MANY YEARS OF EXPERIENCE WITH AUTOMATION INSURE THAT HEAT SEAL IS A MAJOR CAUSE OF DEFECT AND FAILURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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