

., since 1984

# **DESIGN OF CUSTOMIZED DISPLAYS**

#### Please send us:

- a sketch or drawing of the intended display
- · details according to the questionnaire
- volume of requested mass production with time schedule

## We will send you an offer including:

- tooling costs incl. prototypes
- price for mass production
- time schedule and terms

In case of an order you will get a drawing for your approval. After approval of the drawing, we will start to manufacture the prototypes. After approval of the prototypes by yourself, we will start with mass production. We follow this procedure since many years. This is to ensure that each step has to be approved by you, before the next step will be done. You will be therefore on the safe side.

## Our capabilities include:

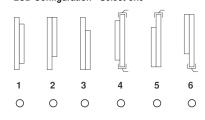
- Glass LCDs
- Chip on Board
- Chip on Flex/Chip on Foil
- Chip on Glass
- Custom LCD Character and Graphics Modules
- Value Added including Zebra Strips, Bezels, PCB's, Membrane Switches, Silicone Rubber Key Pads

# **Custom LCD Design Guide**



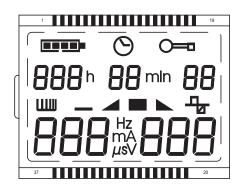
A =	WIDTH OF GLASS	mm
B =	LARGE GLASS	 mm
^	VIEWING ADEA	

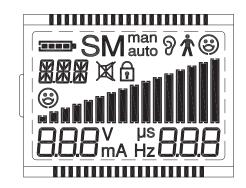
#### LCD Configuration - Select one



D = VIEWING AREA	 mm
E = SMALL GLASS	 mm
F = GLASS THICKNESS	mm

# **CUSTOM LCD AND MODULES**





#### ☐ Outdoor ☐ Indoor Application \_ Operating temperature °C to from \_ Storage temperature \_°C to \_ ☐ Reflective (for ambient light) ☐ Transflective ( for ambient light with possibility of backlight) ☐ Transmissive (for backlight only) Mode ☐ TN ☐ STN (yellow/green) ☐ FSTN ☐ FSC ■ NEGATIVE ☐ HTN ☐ STN (grey) ☐ DSTN ☐ CSTN ■ POSITIVE □ EBTN ☐ STN (blue) ☐ FFSTN □ TFT □ ATN □ ESTN □ OLED ☐ VA ☐ ASTN ☐ E-PAPER Connection □ Elastomer ☐ Heatseal ☐ FFC □ Fixed pins □ Connector ☐ FPC ☐ Top view, 12 o'clock ☐ Bottom view, 6 o'clock Viewing angle **Electrical Specifications** operating voltage Driving frequency Driving IC, model Brand of IC Driving ☐ Static (direct) ☐ Multiplexed Duty rate \_ **Custom Module Design Guide** PCB technology: size: COG: total size COB: total size TCP: total size □ Backlight □ LED □ EL □ CCFL Color: \_ □ Touch-Panel Technology: \_ Other description:

DISPLA	Y - DESIGN
OMPANY	TEL
TREET	FAX
ITY	
AME	Req. prototypespo
-MAIL	Annual demandpo