

## Applicability in a Wide Range of Products

### Liquid Crystal Modes

	Drive Characteristics	Viewing Angle Characteristics
<b>TN Type</b>	ST ~1/16 Duty	Somewhat limited visual field
<b>HTN Type</b>	~1/48 Duty	Wide visual field
<b>STN Type</b>	~1/200 Duty	High visibility

TN: Twist Nematic HTN: High Twist Nematic STN: Super Twist Nematic

### Reliability Modes

<b>Standard</b>	Calculators, watches, thermometers, etc.
<b>Medium reliability</b>	Household appliances, office machines, measuring instruments, cameras, etc.
<b>High reliability</b>	Automotive applications, outdoor displays, etc.

### Display Modes

Positive, negative displays/ reflecting, semi-transparent reflecting, transparent types/ determining viewing direction/ color display

### Dimensions

A wide selection, from high cost performance "economy size" to custom sizes. Standard shapes and customized shapes available.

### Display patterns

Free design of design rule. Patterns customized to user specifications are all available.

### Options

Such processing as color printing, black masking, and pin installation can be optionally ordered to facilitate later operations.

### Connections

Connections and mounting methods to allow interfacing of the LCD with external circuits can be designed in accordance with user specifications.