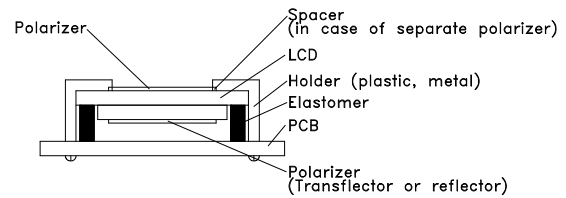


# LCD CONNECTION TYPES

## ELASTOMER CONNECTOR

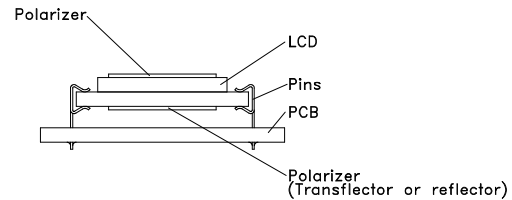
- **Connection method**  
**Mechanical compression**
- **Structure**  
**Alternate laminations of conductive and insulating rubber**
- **Contact pitch**  
**Min. 0.5mm recommended**



- Easily assembled
- Long service life
- Suitable for fine pitch

## PIN CONNECTOR

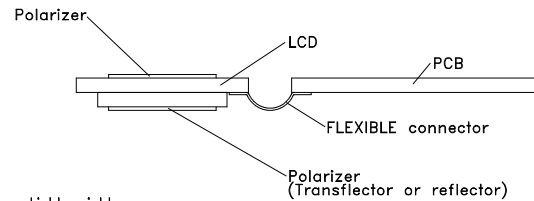
- **Connection method**  
**Solder**
- **Structure**  
**Plated metal pins**
- **Contact pitch**  
**1.5, 1.8, 2.0, 2.54mm**



- SMT mount possible
- Suitable small batch production

## FLEX CONNECTOR

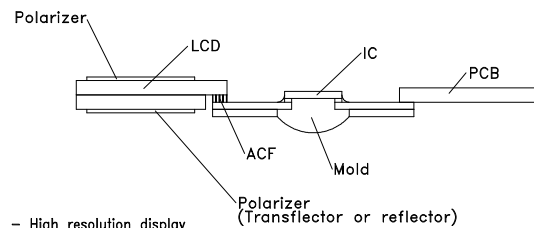
- **Connection method**  
**Heat seal (heat + pressure), solder or mechanical compression**
- **Structure**  
**Base film with electro-conductive traces**
- **Contact pitch**  
**Heat seal type 0.28mm Min.**  
**Solder type 0.8mm Min.**



- Light weight
- Flexible
- Thin structure

## TCP STRUCTURE

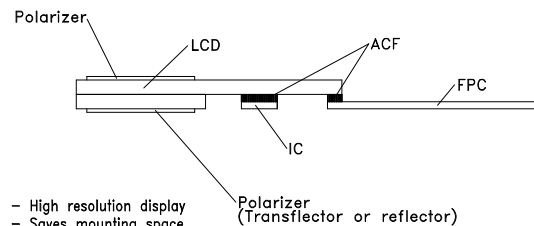
- **Connection method**  
**Tape carrier package (with driver)**  
**Heat and pressure fitting (ACF), soldering**



- High resolution display
- Thin structure

## COG STRUCTURE

- **Connection method**  
**Chip on glass**  
**Heat and pressure fitting (ACF), heatseal, FPC, rubber, socket or pin**



- High resolution display
- Saves mounting space
- Thin structure