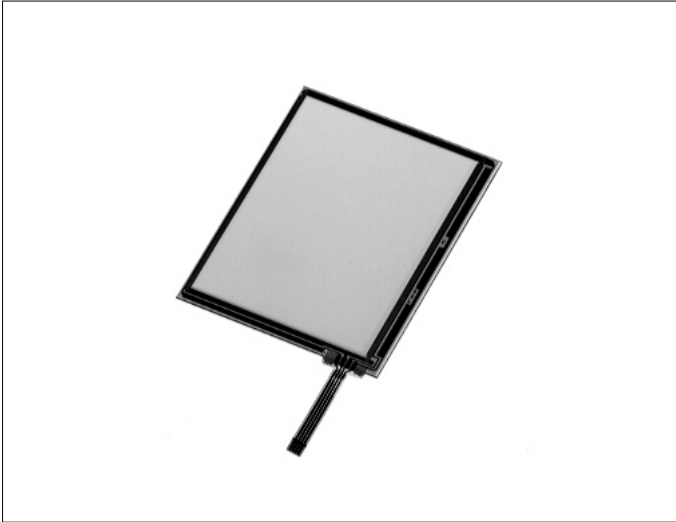


*Using breakthrough technology,  
we aim for products that will create new markets.*

## *New Product News*

Realized highest transparent , plastic type

### Light and non-breaking transparent touch panel



## Transparent Touch Panel

### Plastic Type Transparent Touch Panel

Industry/Field: Mobile communication, Information Devices

#### • Development Target:

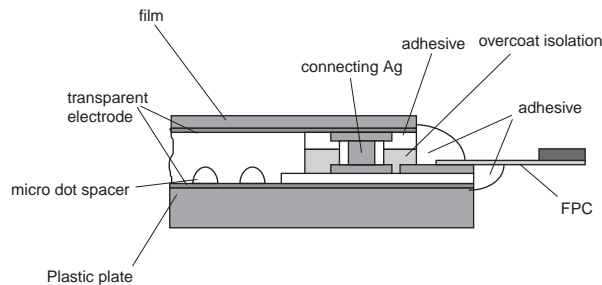
Light, superior shock resistance and high transmissibility for mobile market

#### • Features:

- 1 Light, superior shock resistance (60% lighter weight than the glass type)
- 2 High transmissibility available with AR-coating technology
- 3 Flexible design of outline shape

• Number of industrial property rights: 15

#### • Structure:



#### • Characteristics/specifications:

Item	Specification
Operation Method	Pen or Finger
Touch Panel Thickness	1.3mm, 1.8mm, 2.3mm
Total Light Transparency	82 to 88%
Operation Force	1N max.
Linearity	±1.5%
Bouncing	15ms max.
Storage Temperature	-20 to 60°C
Operating Temperature	0 to 50°C
Durability for Pen Writing	100 thousand characters min.
Durability for Finger Touches	1 million times min.
Size	100mm × 150mm max.
Other	

#### • Applications/usage examples:

- Input device for mobile equipment

#### • Explanation of part numbers:

**EMU601A4□□□□ (Analog Type)**

**EMU601D4□□□□ (Digital Type)**